Consent Agenda Items for Action

Agenda Number: 8 a.

Meeting Date: 10/11/2023

KANSAS STATE DEPARTMENT OF EDUCATION

900 S.W. Jackson Street, Suite 102
Topeka, Kansas 66612-1212
(785) 296-3201
www.ksde.org

Item Title: Personnel Report

From: Marisa Seele, Wendy Fritz

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
Total New Hires	2	3	3									
Unclassified	2	3	3									
Unclassified Regular (leadership)	0	0	0									
Total Separations	2	4	4									
Classified	0	0	0									
Unclassified	2	4	4									
Unclassified Regular (leadership)	0	0	0									
Recruiting (data on 1st day of month)	4	5	3									
Unclassified	4	5	3									
Unclassified Regular (leadership)	0	0	0									

Total employees 269 as of pay period ending 9/16/2023. Count does not include Board members. It also excludes classified temporaries and agency reallocations, promotions, demotions and transfers. Includes employees terminating to go to a different state agency (which are not included in annual turnover rate calculations).

Agenda Number: 8 b.

Meeting Date: 10/11/2023

KANSAS STATE DEPARTMENT OF EDUCATION

900 S.W. Jackson Street, Suite 102
Topeka, Kansas 66612-1212
(785) 296-3201
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Item Title: Report on personnel filling unclassified positions.

From: Marisa Seele, Wendy Fritz

The following personnel appointments are presented this month:

Marcia Ricklefs to the position of Public Service Administrator on the School Finance team, effective September 5, 2023, at an annual salary of $52,000. This position is funded by the Indirect Costs Fund.

Nikole Babb to the part-time position of Program Consultant on the Child Nutrition and Wellness team, effective September 6, 2023, at an annual salary of $20,800. This position is funded by the Federal Food Service Admin Fund.

Steve Backman to the position of Education Program Consultant on the Special Education and Title Services team, effective September 18, 2023, at an annual salary of $61,870.64. This position is funded by the IDEA Discretionary and Title I Admin Fund.

REQUEST AND RECOMMENDATION FOR BOARD ACTION

Agenda Number: 8 c.

Staff Initiating:	Director:	Commissioner:	Meeting Date:	10/11/2023
Kayla Love	Bert Moore	Randy Watson		

Item Title:

Act to initiate contract bid process for investigation of special education formal complaints

Recommended Motion:

It is moved that the Kansas State Board of Education authorize the Commissioner of Education to initiate a bid process to enter into a contract for the purpose of investigating special education complaints with said contract to be for the period of December 1, 2023, through June 30, 2028, and for an amount not to exceed $400,000 out of IDEA VI-B funds. Vendor to be determined.

Explanation of Situation Requiring Action:

The Special Education and Title Services team requests the initiation of a contract with an individual or organization to conduct special education formal complaint investigations, in order to comply with federal and state special education requirements.

This request is made to enable the State to continue to meet its obligation to implement procedures to investigate and prepare written reports in response to special education formal complaints that allege schools are violating special education statutes or regulations. Under the Individuals with Disabilities Education Act (IDEA), states are required to implement and follow procedures for resolving any complaint filed by an organization or individual pertaining to a possible violation of special education law. If the State determines that an investigation is necessary, the State must carry out an investigation, and that investigation must be done within the time limitations set forth under the law. In general, K.A.R. 91-40-51(c) requires complaint investigations to be completed within 30 days.

A special education complaint investigator must (a) have a thorough knowledge of both federal and state special education statutes and regulations; (b) be able to apply these statutes and regulations to specific controversies; and (c) have superior writing skills. In addition, by state regulation, complaint investigations must be completed within 30 days of the day they are received by the state department of education [K.A.R. 91-40-51(c)(3)]. The requested contract term is for five years from the date the contract is initiated.

REQUEST AND RECOMMENDATION FOR BOARD ACTION

Agenda Number: 8 d.

Staff Initiating:	Director:	Commissioner:	Meeting Date:	10/11/2023
Shane Carter	Shane Carter	Randy Watson		

Item Title:

Act on Recommendations for Licensure Waivers

Recommended Motion:

It is moved that the Kansas State Board of Education accept the attached recommendations for licensure waivers.

Explanation of Situation Requiring Action:

SBR 91-31-42 allows any school district to request a waiver from one or more of their accreditation requirements imposed by the State Board. Requests by schools to waive school accreditation regulation SBR 91-31-34 (appropriate certification/licensure of staff) are reviewed by the staff of Teacher Licensure. The district(s) must submit an application verifying that the individual teacher for whom they are requesting the waiver is currently working toward achieving the appropriate endorsement on his/her license. A review of the waiver application is completed before the waiver is recommended for approval.

In accordance with SBR 91-31-42, districts may also submit waivers to extend the number of days a substitute teacher may serve in a position. During the 2020-2021, 2021-2022, and 2022-2023 school years the State Board of Education issued temporary emergency declarations that allowed substitute teachers to serve additional days without submitting a waiver. District will be required to submit waiver requests to extend the number of days during the 2023-2024 school year.

The attached requests have been reviewed by the Teacher Licensure staff and are being forwarded to the State Board of Education for action. If approved, school districts will be able to use the individuals in an area outside the endorsement on their license, and in the area for which they have submitted an approved plan of study. The waiver is valid for one school year.

org no	org name	enrollment	first name	last name	subject	recommendation	Teaching Endorsements Held by Educator
D0257	Iola	0	Thomas	Belinski	Social Studies - Middle Level - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0207	Fort Leavenworth	0	Colleen	Panzer	Low Incidence Special Education	Approved	HIGH-INCIDENCE SPECIAL EDUCATION (6-12); HIGH-INCIDENCE SPECIAL EDUCATION (K-6)
D0260	Derby	0	Linda	Hernandez	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0613	Southwest Kansas Area Cooperative	0	Jane	Hokanson	Deaf or Hard of Hearing	Approved	ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (PRK-12); EARLY - LATE CHILDHOOD GENERALIST (K-6); BUILDING LEADERSHIP (PRK-12)
D0613	Southwest Kansas Area Cooperative	0	Sarah	Beatty	Low Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0305	Salina	0	Halle	Giddings	Art - extension on number of days under an esub.	Approved	ART PRK-12
D0202	Turner-Kansas City	0	Laura	Allinder	Technology Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0202	Turner-Kansas City	0	Rich	Housh	English Language Arts - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0202	Turner-Kansas City	0	Rich	Housh	Math - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0500	Kansas City	0	Allison	Patterson	High Incidence Special Education	Approved*	ELEMENTARY EDUCATION (K-6)
D0450	Shawnee Heights	0	Robert	Williams	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	(K-12); (K-12); (K-12); (K-12); (K-12); (PRK-12); (PRK-12); (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Lisa	Hager	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0257	Iola	0	Jennifer	Bycroft	Physical Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0207	Fort Leavenworth	0	Mary	Morgan	Gifted	Approved*	ELEMENTARY (K-9)
D0497	Lawrence	0	Emma	Rosario	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0619	Sumner Co Educational Services	0	Carolyn	Myers	High Incidence Special Education	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12); EARLY - LATE CHILDHOOD GENERALIST (K-6)
D0480	Liberal	0	Jennifer	Mendez	High Incidence Special Education	Approved	ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (PRK-12); ELEMENTARY EDUCATION (K-6)
D0607	Tri County Special Education Coop	0	Jennifer	Adkins	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0402	Augusta	0	Kristine	Price	English Language Arts - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0308	Hutchinson Public Schools	0	Shelby	Shultz	High Incidence Special Education	Approved	ELEMENTARY EDUCATION (K-6)
D0363	Holcomb	0	Maria	Reyes	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Amber	Cunningham	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	(K-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Kristi	Sanchez	English Language Arts - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0253	Emporia	0	Ronald	Phelps	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Sara	Bouchard	English Language Arts - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0443	Dodge City	0	Sarah	Karolus	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0308	Hutchinson Public Schools	0	Hannah	Webster	High Incidence Special Education	Approved	MATHEMATICS (6-12)
D0231	Gardner Edgerton	0	Anne	Learned	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0607	Tri County Special Education Coop	0	Kayla	Medley	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0637	Southeast Kansas Special Education Interlocal	0	Richard	Murray	Low Incidence Special Education	Approved*	ELEMENTARY EDUCATION (K-6)
D0207	Fort Leavenworth	0	Kristie	McKiddy	High Incidence Special Education	Approved	EARLY CHILDHOOD EDUCATION (PRK-3)
D0229	Blue Valley	0	Melody	Shaw	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0453	Leavenworth	0	Erin	Cerny	High Incidence Special Education	Approved	EARLY CHILDHOOD HANDICAPPED (EC-EC); ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (PRK-12)
D0245	LeRoy-Gridley	0	Emily	Crabtree	Physical Science	Approved	ART (PRK-12); SCIENCE (5-8)
D0497	Lawrence	0	Stephen	Arbeau	German - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0637	Southeast Kansas Special Education Interlocal	0	Sydnee	Donaldson	Early Childhood Special Education	Approved*	ELEMENTARY EDUCATION (K-6); ELEMENTARY EDUCATION (K-6)
D0443	Dodge City	0	Sarah	Sughroue	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Lluvia	Lugo	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0435	Abilene	0	Hannah	Knigge	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0497	Lawrence	0	John	Campos II	High Incidence Special Education	Approved	FAMILY AND CONSUMER SCIENCE (6-12); HISTORY, GOVERNMENT, AND SOCIAL STUDIES (5-8); ELEMENTARY EDUCATION (K-6)
D0480	Liberal	0	Ariana	Parral	High Incidence Special Education	Approved	ELEMENTARY EDUCATION (K-6); HIGH-INCIDENCE SPECIAL EDUCATION (K-6)
D0610	Reno County Education Cooperative	0	Ashley	Wyche	High Incidence Special Education	Approved	ELEMENTARY EDUCATION (K-6); EARLY CHILDHOOD UNIFIED (B-GRD3)
D0443	Dodge City	0	Heidy	Ramirez	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	(PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Yesenia	Lopez	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0203	Piper-Kansas City	0	Jordyn	Green	High Incidence Special Education	Approved**	ELEMENTARY EDUCATION (K-6)
D0305	Salina	0	Erica	Mills	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0229	Blue Valley	0	Molly	Banwart	Physical Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0247	Cherokee	0	Jordyn	Lotterer	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0204	Bonner Springs	0	Karly	Hoefler	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0497	Lawrence	0	Haley	Glover	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0619	Sumner Co Educational Services	0	Sallie	Hoover	High Incidence Special Education	Approved*	ENGLISH (7-12)
D0443	Dodge City	0	Tina	Russell	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	(PRK-12); (PRK-12); (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0231	Gardner Edgerton	0	James	Alley	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Jessica	McGee	Music - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0260	Derby	0	Mary	Price	Deaf or Hard of Hearing - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0253	Emporia	0	Lisa	Tyson	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0500	Kansas City	0	Jamie	Xiong	English Language Arts	Approved*	ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (PRK-12); EARLY CHILDHOOD UNIFIED (B-K)
D0450	Shawnee Heights	0	Rachael	Havens	Early Childhood/Pre-School - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0260	Derby	0	Jennifer	Strohm	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0727	Ark Valley Special Education Cooperative	0	Dannelle	Henderson	Low Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0637	Southeast Kansas Special Education Interlocal	0	Kelsey	Demott	Low Incidence Special Education	Approved	ELEMENTARY EDUCATION (K-6); HIGH-INCIDENCE SPECIAL EDUCATION (PRK-12)
D0443	Dodge City	0	Sergio	Torres	Physical Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0443	Dodge City	0	Maribel	Hernandez	Life Science - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0233	Olathe	0	Domonique	Fluis	Low Incidence Special Education	Approved*	HIGH-INCIDENCE SPECIAL EDUCATION (6-12)
D0202	Turner-Kansas City	0	Adam	Shulman	Social Studies - Middle Level - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0257	Iola	0	Audrey	Appling	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0607	Tri County Special Education Coop	0	Hanna	Hockett	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0636	North Central Kansas Sp. Ed. Coop. Interlocal	0	Alissa	Samuelson	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0435	Abilene	0	Ashley	Hird	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0607	Tri County Special Education Coop	0	Meranda	Wilkins	Early Childhood Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0305	Salina	0	Jordan	Otto	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0257	Iola	0	Addison	Prather	Music - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0435	Abilene	0	Addisyn	Oliver	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0443	Dodge City	0	Dulce	Ceron Lopez	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0619	Sumner Co Educational Services	0	Richard	Wright	Gifted	Approved*	HISTORY, GOVERNMENT, AND SOCIAL STUDIES (6-12); ELEMENTARY EDUCATION (K-6); LOW-INCIDENCE SPECIAL EDUCATION (6-12); LOW-INCIDENCE SPECIAL EDUCATION (K-6)
D0224	Clifton-Clyde	0	Loretta	Cole	Math - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Ryan	Shenk	Math - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Miranda	Albright	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0613	Southwest Kansas Area Cooperative	0	Sheena	Holden	Visual Impaired - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0613	Southwest Kansas Area Cooperative	0	Jesse	Barber	Low Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0619	Sumner Co Educational Services	0	Michaela	Carroll	Low Incidence Special Education	Approved*	HIGH-INCIDENCE SPECIAL EDUCATION (PRK-12)
D0607	Tri County Special Education Coop	0	Heidemarie	Fortner	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Eliset	Osornio	Science - Middle Level - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0613	Southwest Kansas Area Cooperative	0	Abel	Olivares	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0443	Dodge City	0	Elva	Alvarez	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0443	Dodge City	0	Breana	Rolle	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0613	Southwest Kansas Area Cooperative	0	Marlene	Chance	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Perla	Batres	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Jennifer	Ochoa	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Alexi	Treto	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0204	Bonner Springs	0	Paige	Schultz	Math - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0443	Dodge City	0	Stephanie	Barrientos	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0636	North Central Kansas Sp. Ed. Coop. Interlocal	0	Zoe	Girard	Early Childhood Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Edith	Hernandez	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0497	Lawrence	0	George	LeBar	Science - Middle Level - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0342	McLouth	0	Cheryl	Nave	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	(); (PRK-12); (PRK-12); (PRK-12); (PRK-12); (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0305	Salina	0	Marciana	Ramsey	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0435	Abilene	0	Karen	Stuber	Library Media Specialist - extension on number of days under an esub.	Approved	(PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0607	Tri County Special Education Coop	0	Erica	Deweese	Low Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0607	Tri County Special Education Coop	0	Jennifer	Carpenter	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0450	Shawnee Heights	0	Rebekah	Halloran	Spanish - extension on number of days under an esub.	Approved	(K-12); EMERGENCY SUBSTITUTE TEACHER (K-12)
D0443	Dodge City	0	Crissa	Salmans	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0495	Ft Larned	0	Carolyn	Zook	Math - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0363	Holcomb	0	Ellie	Kennedy	Elementary Extension of Days Only - extension on number of days under an esub.	Approved**	SUBSTITUTE TEACHER PRK-12

D0443	Dodge City	0	Kierra	Johnson	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0613	Southwest Kansas Area Cooperative	0	Karina	Garcia	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0619	Sumner Co Educational Services	0	Abbi	Willert	Low Incidence Special Education	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12); EARLY CHILDHOOD UNIFIED (B-GRD3)
D0443	Dodge City	0	Brittany	Wondra	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0257	Iola	0	Mackenzie	Anstaett	Early Childhood/Pre-School - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0308	Hutchinson Public Schools	0	Alexandra	Rodriguez	High Incidence Special Education	Approved*	PHYSICAL EDUCATION (PRK-12)
D0443	Dodge City	0	Logan	Gleason	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0613	Southwest Kansas Area Cooperative	0	Bridgett	Huish	Low Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0260	Derby	0	Joshua	Osborn	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0322	Onaga-Havensville-Wheaton	0	Danni	Klahr	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0253	Emporia	0	Phyllis	Caldwell	Low Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0446	Independence	0	Venice	Delamarter	Agriculture - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0446	Independence	0	Venice	Delamarter	World History - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Rosa	Finch	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0610	Reno County Education Cooperative	0	Herminia	Benitez	High Incidence Special Education	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12); ELEMENTARY EDUCATION (K-6); HIGH-INCIDENCE SPECIAL EDUCATION (K-6)
D0443	Dodge City	0	Tasha	Moore	Math - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Casey	Long	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0637	Southeast Kansas Special Education Interlocal	0	Amy	Valenti	High Incidence Special Education	Approved*	ELEMENTARY EDUCATION (K-6)
D0443	Dodge City	0	Emily	Horn	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0619	Sumner Co Educational Services	0	Jenna	Schroeder	High Incidence Special Education	Approved	BUSINESS (6-12)
D0497	Lawrence	0	Tashia	Dare	Spanish - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0253	Emporia	0	Karen	Garcia	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12); HIGH-INCIDENCE SPECIAL EDUCATION (PRK-12)
D0443	Dodge City	0	Aileen	Hernandez	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0637	Southeast Kansas Special Education Interlocal	0	Breann	Qualls	High Incidence Special Education	Approved	FAMILY AND CONSUMER SCIENCE (6-12)

D0607	Tri County Special Education Coop	0	Hanna	Lyon	Early Childhood Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0607	Tri County Special Education Coop	0	Lakin	Huckabey	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0342	McLouth	0	Jessie	Bouza	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0285	Cedar Vale	0	Connor	Stone	Physical Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0363	Holcomb	0	Allison	Calderon	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Sara	Howarth	General Science - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Isaias	De La Torre	Life Science - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0619	Sumner Co Educational Services	0	Kahlie	Miller	High Incidence Special Education	Approved*	ELEMENTARY EDUCATION (K-6)
D0305	Salina	0	Mackenzie	Forbes	High Incidence Special Education - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0443	Dodge City	0	Jennifer	Pena Barrera	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0512	Shawnee Mission Pub Sch	0	Reginald	Black	Spanish - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0443	Dodge City	0	Felix	Martinez	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0637	Southeast Kansas Special Education Interlocal	0	Makalah	Siu	High Incidence Special Education	Approved*	ELEMENTARY EDUCATION UNIFIED (K-6)
D0636	North Central Kansas Sp. Ed. Coop. Interlocal	0	Meredith	Jacobs	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0308	Hutchinson Public Schools	0	Shelley	Rodriguez	High Incidence Special Education	Approved	ELEMENTARY (K-9); ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (PRK-12)
D0636	North Central Kansas Sp. Ed. Coop. Interlocal	0	Lori	Morgan	High Incidence Special Education	Approved	ENGLISH (5-9); MATHEMATICS (5-9); SOCIAL STUDIES,COMP (5-9); ELEMENTARY (K-9); BUILDING ADMINISTRATOR (K-9); ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (K-6); ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (5-8)
D0497	Lawrence	0	Jean	Viloria	Spanish - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0305	Salina	0	Brandon	Stephenson	High Incidence Special Education - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0257	Iola	0	Andrea	Weide	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0607	Tri County Special Education Coop	0	Tonda	Collins	Low Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0709	Holton Special Education Coop.	0	James	Gadwood	High Incidence Special Education	Approved*	PHYSICAL EDUCATION (PRK-12)
D0260	Derby	0	Tanai	Brumbelow	Social Studies - Middle Level - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0260	Derby	0	Demitria	Herrera	Early Childhood/Pre-School - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0443	Dodge City	0	Bernard	Tieben	General Social Studies Topics - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0363	Holcomb	0	Olivia	Ortega	Elementary Extension of Days Only - extension on number of days under an esub.	Approved**	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0253	Emporia	0	Nikki	Rice	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0305	Salina	0	Megan	Stelter	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0607	Tri County Special Education Coop	0	Caitlin	Barcus	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0305	Salina	0	Alexandria	Wilson	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Magda	Guerrero Ruiz	English Language Arts - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0260	Derby	0	Dale	Wells	Math - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0231	Gardner Edgerton	0	Kathleen	Downey	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0202	Turner-Kansas City	0	Jonnie	Wright	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0495	Ft Larned	0	Tricia	Johnson	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0610	Reno County Education Cooperative	0	Debra	Glass	High Incidence Special Education	Approved**	ELEMENTARY (K-9); ADAPTIVE SPECIAL EDUCATION (K-6)
D0443	Dodge City	0	Tasha	Nuci	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0497	Lawrence	0	Jamie	Oberg	Spanish - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0363	Holcomb	0	Amanda	Conrardy	Math - extension on number of days under an esub.	Approved**	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0610	Reno County Education Cooperative	0	Abby	Brandt	High Incidence Special Education	Approved	ENGLISH LANGUAGE ARTS (6-12); GIFTED (K-6); GIFTED (6-12)
D0257	Iola	0	John	Higginbotham	Art - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0233	Olathe	0	Jeremie	Tharp	Library Media Specialist	Approved	ENGLISH (5-9); ELEMENTARY (K-9); ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (PRK-12)
D0260	Derby	0	Damon	Francis	English Language Arts - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Shelby	Gamblin	Math - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0308	Hutchinson Public Schools	0	Vannessa	Small	High Incidence Special Education	Approved	ELEMENTARY EDUCATION (K-6)
D0446	Independence	0	Rachel	Lyon	Science - Middle Level - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0495	Ft Larned	0	Bethany	Steinlage	Spanish - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Brittany	Smith	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	(PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0231	Gardner Edgerton	0	Michel	Maneth	Music - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0619	Sumner Co Educational Services	0	Crystal	Willson	High Incidence Special Education	Approved	EARLY CHILDHOOD UNIFIED (B-GRD3)
D0229	Blue Valley	0	Marco	Miros	Math - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Erica	Alarcon	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0257	Iola	0	Katherine	Vernon	Music - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0435	Abilene	0	Cassandra	Crider	Early Childhood/Pre-School - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0435	Abilene	0	Michael	Spohn	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0607	Tri County Special Education Coop	0	Mykenzie	Jarett	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0497	Lawrence	0	Elena	Carlos	Science - Middle Level - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Lucy	Lozano-Alba	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0257	Iola	0	Kelsey	Morrison	Science - Middle Level - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0636	North Central Kansas Sp. Ed. Coop. Interlocal	0	Jayde	Hosier	Early Childhood Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0202	Turner-Kansas City	0	Jon	Ferrell	English Language Arts - extension on number of days under an esub.	Approved	(K-12); (K-12); (K-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Marcus	Gonzales	Science - Middle Level - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0610	Reno County Education Cooperative	0	Melinda	Herman	High Incidence Special Education	Approved**	ENGLISH (7-12)
D0229	Blue Valley	0	Malinda	McCasland	Music - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0613	Southwest Kansas Area Cooperative	0	Michelle	Davis	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0229	Blue Valley	0	Julie	Chaffee	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0253	Emporia	0	Nancy	Gebel	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Claudia	Garcia	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	(PRK-12); (PRK-12); (PRK-12); (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0258	Humboldt	0	Lacy	Dillow	English Language Arts - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0610	Reno County Education Cooperative	0	Christopher	Mason	Gifted	Approved	ELEMENTARY (K-9); SCHOOL COUNSELOR (PRK-12)
D0636	North Central Kansas Sp. Ed. Coop. Interlocal	0	Nicole	Gosselin	High Incidence Special Education	Approved	EARLY CHILDHOOD UNIFIED (B-GRD3)

D0257	Iola	0	Gale	Hoag	Art - extension on number of days under an esub.	Approved	(K-12); (K-12); (K-12); (PRK-12); (PRK-12); (PRK-12); (PRK-12); (PRK-12); (PRK-12); (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Andrea	Hogue	General Science - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Tami	Durler	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
S0604	School for Blind	0	Melissa	Schlegel	Visual Impaired	Approved*	ELEMENTARY EDUCATION (K-6); HIGH-INCIDENCE SPECIAL EDUCATION (PRK-12)
D0443	Dodge City	0	Jennifer	Miller	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0398	Peabody-Burns	0	Erin	Whiteman	English Language Arts - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0257	Iola	0	Ethan	Tavarez	Science - Middle Level - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0342	McLouth	0	Tiffany	Jones	Physical Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Victoria	Altamirano	Music - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Robert	Brotherton	General Science - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0342	McLouth	0	Holland	Evans	Chemistry - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0636	North Central Kansas Sp. Ed. Coop. Interlocal	0	Amanda	Kreider	High Incidence Special Education	Approved*	EARLY - LATE CHILDHOOD GENERALIST (K-6)
D0636	North Central Kansas Sp. Ed. Coop. Interlocal	0	Alicia	Brown	High Incidence Special Education	Approved	ELEMENTARY EDUCATION (K-6); EARLY CHILDHOOD UNIFIED (B-GRD3)

D0443	Dodge City	0	Alexis	Penick	General Business Topics - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0231	Gardner Edgerton	0	Michelle	Mann	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0305	Salina	0	Elisabeth	Foley	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0443	Dodge City	0	Julieta	Sandoval Rodriguez	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0435	Abilene	0	Laura	Ediger	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	(K-12); EMERGENCY SUBSTITUTE TEACHER (K-12)
D0257	Iola	0	Charity	Seufert	Early Childhood/Pre-School - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0372	Silver Lake	0	Sandra	Klucas	High Incidence Special Education	Approved*	ELEMENTARY EDUCATION (K-6); ELEMENTARY EDUCATION (K-6)
D0443	Dodge City	0	Emily	Palmer	Music - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0500	Kansas City	0	Janise	Moultrie	High Incidence Special Education	Approved*	EARLY CHILDHOOD UNIFIED (B-GRD3)
D0260	Derby	0	Danny	Smith	Math - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Samaria	Estrella	Math - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0305	Salina	0	Brandon	Agee	English Language Arts - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0443	Dodge City	0	Armando	Olivares	Physical Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Lucero	Botello	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Michael	Nolan-Santy	Life Science - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Victoria	Connolly	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0613	Southwest Kansas Area Cooperative	0	Evelyn	Mejia	Low Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Araceli	Wallace-Carmona	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0260	Derby	0	Luisa	Molina	Early Childhood/Pre-School - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0450	Shawnee Heights	0	Derek	Martinez Reynaga	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Liliana	Zuniga	English as a Second Language - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Erika	Galdamez	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0305	Salina	0	Amanda	Avila	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	SUBSTITUTE TEACHER PRK-12
D0443	Dodge City	0	Peyton	Northcutt	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0497	Lawrence	0	Cassandra	Quinby	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Irma	Lares Garcia	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Irma	Lares Garcia	Spanish - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12); EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Mireille	Van Tonder Loosli	French - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0204	Bonner Springs	0	Kayla	Bruce	High Incidence Special Education	Approved	EARLY CHILDHOOD EDUCATION (PRK-3); ELEMENTARY EDUCATION (K-6)
D0305	Salina	0	Arin	Jones	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Liza	Webster	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0709	Holton Special Education Coop.	0	Waldo	Odens Jr	High Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12); HISTORY, GOVERNMENT, AND SOCIAL STUDIES (6-12); ELEMENTARY EDUCATION UNIFIED (K-6)
D0613	Southwest Kansas Area Cooperative	0	Luz	Carlson	Low Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

D0497	Lawrence	0	Nanice	Basta	Math - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0497	Lawrence	0	Rhea Rayomand	Palkhiwala	Low Incidence Special Education - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)
D0443	Dodge City	0	Saharaydee	Meza Lopez	Elementary Extension of Days Only - extension on number of days under an esub.	Approved	EMERGENCY SUBSTITUTE TEACHER (PRK-12)

REQUEST AND RECOMMENDATION FOR BOARD ACTION

Agenda Number: 8 e.

Staff Initiating:	Director:	Commissioner:	Meeting Date: 10/11/2023
Stephen King	Beth Fultz	Randy Watson	

Item Title:

PACK Act Grants 2023-2024

Recommended Motion:

It is moved that the Kansas State Board of Education authorize the Commissioner of Education to initiate the contract bid process for PACK Act grant awardees in an amount not to exceed $1,000,000 for the period July 1, 2023 - June 30, 2024.

Explanation of Situation Requiring Action:

Grantees recommended by the committee:

Wichita State University (WSU) Tech: $125,000

Educational Services and Staff Development Association of Central Kansas (ESSDACK): $127,000

Kansas State University (KSU): $748,000

House Bill 2466 (attached), also known as the PACK Act, enrolled on July 1, 2022, created a grant aimed at developing Kansas teachers to deliver computer science education in Kansas secondary schools. The amount appropriated for 2022-2023 was $1,000,000, and this grant was administered to four grantees. This same amount was appropriated for the 2023-2024 fiscal year, to be awarded based upon the same three priorities.

Grant applications were due August 11, 2023, and four applications were received by that deadline, requesting an approximate total of $1,250,000. A four-member committee convened and considered the applications based upon the criteria listed in HB 2466 Section 4. The committee reached a consensus to award the available funds according to the amounts listed in this consent agenda item.

FY 2024 HB 2466 GRANT APPLICATION
SUPPORTING CS PROFESSIONAL DEVELOPMENT

Promoting Advancement in Computing Knowledge Act

Cover Sheet

Wichita State University Campus of Applied Sciences and Technology (WSU Tech)

~~USD~~ # and Name or Organization Name

Secondary Funding: I understand that if funds become unavailable this application may be terminated. If satisfactory progress and documentation are not made regarding the intended outcomes of this application or if this institution fails to comply with applicable laws, regulations, assurances and/or terms of this grant this application becomes null and void and all funds must be returned.

List Contact Persons

Responsibility	Name & Position	Telephone	Email Address
Application Completer	Matthew Lewis Assistant Dean of Information Technologies	316.677.1726	mlewis12@wsutech.edu
Administrator	Matthew Lewis Assistant Dean of Information Technologies	316.677.1726	mlewis12@wsutech.edu
District Clerk/Finance Officer	Jennifer Asbridge Director Fiscal Grants Management & Foundation Accounting	316.677.1623	jasbridge2@wsutech.edu

Provide individual participant information below.

Participant Name (First and Last)	Participant Role	Telephone	Email Address

Administrator's Signature

August 10, 2023
Date

STATE USE ONLY—DO NOT WRITE BELOW THIS LINE

$_____ Approved Grant Award Amount

KSDE Authorized Representative

Date

FY 2024 HB 2466 GRANT APPLICATION
SUPPORTING CS PROFESSIONAL DEVELOPMENT

Promoting Advancement in Computing Knowledge Act

A. Project Narrative

- Explanation/Description of the Professional Development and the Overall Proposed Uses

Wichita State University Campus of Applied Sciences and Technologies (WSU Tech) is committed to preparing youth and adults learners to meet the growing demands from our community and industry partnerships. According to a Brookings Institute report from 2010 and 2018[1], Wichita is ranked number 15 in Digital Service job growth rate. Wichita's diverse technology ecosystem is currently home to over 100 tech companies including companies such as NetApp, Keycentrix, HighTouch Technologies, and McConnell Airforce Base's 184th Intelligence Wing.

As educational institutions in the State of Kansas are beginning to adopt KSDE P-12 Computer Science Standards, it is important to provide education opportunities for our students and teachers. WSU Tech has had great success with multiple summer camps aimed at introducing middle school students to computer science and information technology careers. Annually, WSU Tech serves 200+ middle school students through multifaceted career opportunity camps which include Computer Science and Information Technologies along with STEM, Aviation, and Manufacturing. By WSU Tech exposing students to the world of computer sciences early, Kansas can create its own pipeline of skilled workers to fulfill the growing number of jobs. This pipeline can also create an incentive for other tech companies to come to Kansas, thus growing and diversifying the current economy.

WSU Tech will be continuing efforts to provide high quality professional development for K-12 grade educators by sponsoring a third year of Code.org Bootcamps. In addition to offering software-based computer science skills training, WSU Tech will also offer hardware-based and cybersecurity related computer science skills professional development to 9 – 12 grade educators through the Cisco Networking Academy. Educators will also attend college information sessions that highlight the opportunities available to their high school students. Including the chance for their students to receive Excel in CTE funded college credits with their high school credits. Upon completion of these professional development opportunities, Kansas educators will be able to implement high quality curriculum into their classrooms with minimal financial impact to the school district.[1]

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[1] *greater-wichita-region-accolades-2022 pdf (greaterwichitapartnership.org)*

As a regional partner with Code.org, WSU Tech will be hosting a five-day Bootcamp on campus. This bootcamp will be led by Code.org certified facilitators and provided for up to fifty K – 12 grade educators from local unified school districts. Educators will be able to choose between one of four course offerings based on their students' current and/or future grade level. The available content provided will introduce and/or improve upon an educator's current computer science skill sets.

Furthermore, as a Cisco Network Academy (Netacad), WSU Tech and the Cisco Netacad Instructor Training Center will offer a hybrid training for up to ten 9 – 12 grade educators from local unified school districts. Throughout this training, educators will be introduced to computer hardware, networking, and cybersecurity related skills to expand their knowledge base in these areas. Additionally, educators will be prepared to complete industry recognized certifications that will enable them to be recognized by our community and industry partnerships as subject matter experts.

Finally, WSU Tech will collaborate with Wichita State University's College of Applied Studies (WSU) to offer educators graduate level continuing education credits through these professional development opportunities. These credits will be available for attendees of either events which will allow educators to collect continuing education credits through attendance. These credits will then assist with educators qualifying for salary scale upgrades and recertification with the State of Kansas.

- Expected Measurable Outcomes/Project Deliverables
    - Code.org
        - Attend five days of professional development
        - Free event registration for up to 50 educators
        - Receive Code.org certified instruction
            - 2 facilitators per session
            - 4 sessions based on student grade level
            - 4 – one-day workshops throughout the academic year
        - Provide up to ten travel stipend scholarships for educators from low-income schools.
        - Graduate level continuing education credit through WSU
    - Cisco Netacad
        - Attend hybrid professional development
            - 8-weeks of virtual sessions
            - 2.5 days of in-person physical lab time
        - Free event registration for up to ten educators
        - Cisco certified instruction
        - Graduate level continuing education credit from WSU

- Partnerships and Collaboration
    - Code.org Regional Partnership
    - Cisco Network Academy
    - Cisco Instructor Training Center
    - Wichita State University's College of Applied Studies

B. Funding
- Funding for this grant is requested at the following level:
- Multiple applicants per district may apply.
- Funding will go to cover costs associated with the Program.
- Itemize activities on the *PACT Act Fund Project Activities Sheet & Budget Sheet* (pgs. 6 &7).
- Final Expenditure Report forms are attached

C. Contractual Provisions Attachment and Local Assurances/Contractual Agreements
Submit completed copies of these documents (electronic only) — typed names & dates on the electronic copies and original signatures on the hard copy (if submitted) to be submitted no later than 30 days after the grant is awarded.

Organization Name: WSU Tech

Grant Year: FY 2024

PACK Act CS Grant

FINAL Fund Project Activities

Line #1	Description of the Activity (Complete this section to include with the application)	Funding $.00
	K – 12 educator professional development with Code.org	
	Responsibility: [Enter Name Here] Start Date: Completion Date:	
	Expected Result/Evaluation of the Activity (Complete this section to include with the application) Updated content creation for implementation Graduate level continuing education credits	
	06/30/24 Final Report/Activity: (Complete this section after completing funded grant activities as part of the final report) - [Enter Description Here]	

Line #2	Description of the Activity (Complete this section to include with the application)	Funding $.00
	9 -12 educator professional development with Cisco Netacad	
	Responsibility: [Enter Name Here] Start Date: Completion Date:	
	Expected Result/Evaluation of the Activity (Complete this section to include with the application) Updated content creation for implementation Graduate level continuing education credits Industry recognized certification	
	06/30/24 Final Report/Activity: (Complete this section after completing funded grant activities as part of the final report) - [Enter Description Here]	

FY 2024 HB 2466 GRANT APPLICATION
SUPPORTING CS PROFESSIONAL DEVELOPMENT

Promoting Advancement in Computing Knowledge Act

(Complete and return with APPLICATION)

	Budgeted Items	Number of Items	Item Amount	Total Amount
	Participant Registration: Code.org	50	$950	$47,500
	Participant Registration: Cisco Netacad	10	$750	$7,500
	Facilitator Stipends ($500 per session, per day)	31	$500	$15,500
	Total for Professional Development			$70,500
			$	$
			$	$
			$	$
			$	$
			$	$
	Total for Equipment			
	Facilitator Travel	7	$900	$6,300
	Participant Travel	10	$800	$8,000
			$	$
			$	$
			$	$
	Total for Travel			$14,300
	Event Coordinator	1	$10,000	$10,000
	WSU Vendor	1	$4,500	$4,500
	Outreach & Dissemination	1	$12,000	$12,000
	ADA Contractual	1	$4,500	$4,500
	Indirect Cost	1	$17,424	$17,424
	Total for Other Allowable Expenditures			$48,424
	TOTAL FOR PROJECT			$133,224

(Return with APPLICATION)

Budget Narrative:

Professional Development: 1) *Registration:* Costs for Code.org, Cisco Netacad, and WSU continuing education credits will be offset through grant funding for attending educators;2) *Stipends:* Work stipends for facilitators for the Code.org event.

Equipment: No equipment will be purchased with grant funding.

Travel: Stipends will assist with mileage and hotel expenses for facilitators and eligible participants traveling to grant funded training events. Stipends for educators that represent a school identified as low-income.

Other Allowable Expenditures: 1) *Event Coordinator*: Part-time personnel responsible for communication and coordinator with participants and vendors, coordinating with Code.org facilitators, and the overall logistics of the event; 2) *WSU Vendor*: A contracted partner charged with working to communicate and collaborate with educational leaders in our region and sharing WSU Tech's computer science professional development opportunities.; 3) *Outreach & Dissemination*: WSU Tech will conduct a targeted outreach effort to invite educators to attend these professional development opportunities with the assistance of influential leadership and peer educators. Outreach will be used to disseminate information regarding grant funded opportunities to regional school districts; 4) *ADA Contractual*: WSU Tech will provide accessible information and access to educators with disabilities; 5*) Indirect Costs*: The negotiated indirect rate (NICRA/IDC) for WSU Tech has been established at 33% of modified total direct costs. WSU Tech determined the participant registrations and participant travel are participant support costs as defined in 2 CFR 200 for travel allowance and training registrations and have been excluded from IDC calculations. All other budget lines have been identified as IDC applicable and included in the NICRA budget.

State of Kansas
Department of Administration DA-146a
(Rev. 07-19)

CONTRACTUAL PROVISIONS ATTACHMENT

Important: This form contains mandatory contract provisions and must be attached to or incorporated in all copies of any contractual agreement. If it is attached to the vendor/contractor's standard contract form, then that form must be altered to contain the following provision:

The Provisions found in Contractual Provisions Attachment (Form DA-146a, Rev. 07-19), which is attached hereto, are hereby incorporated in this contract and made a part thereof.

The parties agree that the following provisions are hereby incorporated into the contract to which it is attached and made a part thereof, said contract being the 11 day of August, 2023.

1. Terms Herein Controlling Provisions: It is expressly agreed that the terms of each and every provision in this attachment shall prevail and control over the terms of any other conflicting provision in any other document relating to and a part of the contract in which this attachment is incorporated. Any terms that conflict or could be interpreted to conflict with this attachment are nullified.

2. Kansas Law and Venue: This contract shall be subject to, governed by, and construed according to the laws of the State of Kansas, and jurisdiction and venue of any suit in connection with this contract shall reside only in courts located in the State of Kansas.

3. Termination Due To Lack Of Funding Appropriation: If, in the judgment of the Director of Accounts and Reports, Department of Administration, sufficient funds are not appropriated to continue the function performed in this agreement and for the payment of the charges hereunder, State may terminate this agreement at the end of its current fiscal year. State agrees to give written notice of termination to contractor at least 30 days prior to the end of its current fiscal year, and shall give such notice for a greater period prior to the end of such fiscal year as may be provided in this contract, except that such notice shall not be required prior to 90 days before the end of such fiscal year. Contractor shall have the right, at the end of such fiscal year, to take possession of any equipment provided State under the contract. State will pay to the contractor all regular contractual payments incurred through the end of such fiscal year, plus contractual charges incidental to the return of any such equipment. Upon termination of the agreement by State, title to any such equipment shall revert to contractor at the end of the State's current fiscal year. The termination of the contract pursuant to this paragraph shall not cause any penalty to be charged to the agency or the contractor.

3. Disclaimer Of Liability: No provision of this contract will be given effect that attempts to require the State of Kansas or its agencies to defend, hold harmless, or indemnify any contractor or third party for any acts or omissions. The liability of the State of Kansas is defined under the Kansas Tort Claims Act (K.S.A. 75-6101 *et seq.*).

4. Anti-Discrimination Clause: The contractor agrees: (a) to comply with the Kansas Act Against Discrimination (K.S.A. 44-1001 *et seq.)* and the Kansas Age Discrimination in Employment Act (K.S.A. 44-1111 *et seq.)* and the applicable provisions of the Americans With Disabilities Act (42 U.S.C. 12101 *et seq.)* (ADA) and Kansas Executive Order No. 19-02, and to not discriminate against any person because of race, color, gender, sexual orientation, gender identity or expression, religion, national origin, ancestry, age, military or veteran status, disability status, marital or family status, genetic information, or political affiliation that is unrelated to the person's ability to reasonably perform the duties of a particular job or position; (b) to include in all solicitations or advertisements for employees, the phrase "equal opportunity employer"; (c) to comply with the reporting requirements set out at K.S.A. 44-1031 and K.S.A. 44-1116; (d) to include those provisions in every subcontract or purchase order so that they are binding upon such subcontractor or vendor; (e) that a failure to comply with the reporting requirements of (c) above or if the contractor is found guilty of any violation of such acts by the Kansas Human Rights Commission, such violation shall constitute a breach of contract and the contract may be cancelled, terminated or suspended, in whole or in part, by the contracting state agency or the Kansas Department of Administration; (f) Contractor agrees to comply with all applicable state and federal antidiscrimination laws and regulations; (g) Contractor agrees all hiring must be on the basis of individual merit and qualifications, and discrimination or harassment of persons for the reasons stated above is prohibited; and (h) if is determined that the contractor has violated the provisions of any portion of this paragraph, such violation shall constitute a breach of contract and the contract may be canceled, terminated, or suspended, in whole or in part, by the contracting state agency or the Kansas Department of Administration.

6. Acceptance Of Contract: This contract shall not be considered accepted, approved or otherwise effective until the statutorily required approvals and certifications have been given.

7. Arbitration, Damages, Warranties: Notwithstanding any language to the contrary, no interpretation of this contract shall find that the State or its agencies have agreed to binding arbitration, or the payment of damages or penalties. Further, the State of Kansas and its agencies do not agree to pay attorney fees, costs, or late payment charges beyond those available under the Kansas Prompt Payment Act (K.S.A. 75-6403), and no provision will be given effect that attempts to exclude, modify, disclaim or otherwise attempt to limit any damages available to the State of Kansas or its agencies at law, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

8. Representative's Authority to Contract: By signing this contract, the representative of the contractor thereby represents that such person is duly authorized by the contractor to execute this contract on behalf of the contractor and that the contractor agrees to be bound by the provisions thereof.

9. Responsibility for Taxes: The State of Kansas and its agencies shall not be responsible for, nor indemnify a contractor for, any federal, state or local taxes which may be imposed or levied upon the subject matter of this contract.

10. Insurance: The State of Kansas and its agencies shall not be required to purchase any insurance against loss or damage to property or any other subject matter relating to this contract, nor shall this contract require them to establish a "self-insurance" fund to protect against any such loss or damage. Subject to the provisions of the Kansas Tort Claims Act (K.S.A. 75-6101 *et seq.*), the contractor shall bear the risk of any loss or damage to any property in which the contractor holds title.

11. Information: No provision of this contract shall be construed as limiting the Legislative Division of Post Audit from having access to information pursuant to K.S.A. 46-1101 *et seq.*

12. The Eleventh Amendment: "The Eleventh Amendment is an inherent and incumbent protection with the State of Kansas and need not be reserved, but prudence requires the State to reiterate that nothing related to this contract shall be deemed a waiver of the Eleventh Amendment."

13. Campaign Contributions / Lobbying: Funds provided through a grant award or contract shall not be given or received in exchange for the making of a campaign contribution. No part of the funds provided through this contract shall be used to influence or attempt to influence an officer or employee of any State of Kansas agency or a member of the Legislature regarding any pending legislation or the awarding, extension, continuation, renewal, amendment or modification of any government contract, grant, loan, or cooperative agreement.

- To assure all records shall be subject at all reasonable times to inspection, review, or audit by State personnel and other personnel duly authorized by KSDE. The award recipient assures that all financial records, supporting documentation, statistical records and all other records pertinent to the grant award shall be retained by the award recipient for at least **five years** following the end of the grant project period.
- If the activities described in the grant application have not commenced within **60 days** after acceptance of the grant award, the award recipient shall report in writing the steps taken to initiate the grant project, the reasons for delay and the expected starting date. If the activities have not commenced within **30 days** of receipt of the above letter, the award recipient shall submit to CTE a further statement in writing regarding the delay. Upon receipt of the second letter, KSDE may terminate the grant, and the award recipient shall return to KSDE all unused grant funds with a complete accounting of all expenditures.
- KSDE reserves the right to terminate any grant award and cease payment to the award recipient for failure to comply with applicable laws, regulations, and/or terms of the grant assurances. Further, KSDE may seek reimbursement of any or all grant funds and may reclaim durable goods purchased with these grant funds if the award recipient fails to perform in accordance with the terms of the grant assurances and reporting requirements.

Wichita State Campus of Applied Sciences and Technology (DBA WSU Tech)
Name of Organization

assures the Kansas State Department of Education of its intent to comply with the assurances and contractual agreements as outlined in this document. Further, we are willing to explain, in writing, how we intend to comply with each of these assurances and agreements.

VP Finance & Administration 8/11/2023
Name or Signature of Authorized Administrator | Title | Date

4004 N. Webb Rd, Wichita, KS 67226
Address *(Street, City, State, Zip Code)*

PN561.04.2011.389

FY 2024 HB 2466 GRANT APPLICATION
SUPPORTING CS PROFESSIONAL DEVELOPMENT

Promoting Advancement in Computing Knowledge Act

Cover Sheet
Kansas State University

USD # and Name or Organization Name

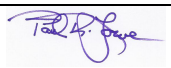
Secondary Funding: I understand that if funds become unavailable this application may be terminated. If satisfactory progress and documentation are not made regarding the intended outcomes of this application or if this institution fails to comply with applicable laws, regulations, assurances and/or terms of this grant this application becomes null and void and all funds must be returned.

List Contact Persons

Responsibility	Name & Position	Telephone	Email Address
Application Completer	Josh Weese, Teaching Assistant Professor	785-532-7929	weeser@ksu.edu
Administrator	Paul R. Lowe, Associate Vice President for Research	785-532-6804	research@ksu.edu
District Clerk/Finance Officer	Shannon Fisher, Director, Sponsored Programs Accounting	785-532-6207	spaaccts@ksu.edu

Provide individual participant information below.

Participant Name (First and Last)	Participant Role	Telephone	Email Address
Nathan Bean	Co-PI	785-483-9264	nhbean@ksu.edu
Russell Feldhausen	Co-PI	785-410-3247	russfeld@ksu.edu
David Allen	Co-PI	785-532-6999	dallen@ksu.edu
Safia Malallah	Co-PI	785-532-6350	safia@ksu.edu
Josh Weese	PI	620-639-1475	weeser@ksu.edu



Administrator's Signature Date 08/11/2023

STATE USE ONLY—DO NOT WRITE BELOW THIS LINE

$_____ Approved Grant Award Amount

KSDE Authorized Representative Date

FY 2024 HB 2466 GRANT APPLICATION
SUPPORTING CS PROFESSIONAL DEVELOPMENT

Promoting Advancement in Computing Knowledge Act

A. Project Narrative

CS4KS: Continuing to Expand the K-State Cyber Pipeline

As part of our ongoing effort to support K-12 computer science education, Kansas State University's Department of Computer Science developed the *Cyber Pipeline Program*, which provides a high-quality curriculum and professional development to support Kansas high schools that want to teach computer science. This curriculum is aligned with the Computer Science Model Standards of the State of Kansas. In addition, two of the courses within the curriculum are aligned with and can be taught as Advanced Placement courses, specifically AP Computer Science A and AP Computer Science Principles. As such, schools teaching these courses have the option of allowing their students to take the corresponding AP Exam for highly transferrable college credit.

This program was expanded under a previous PACK act grant in 2023. Support from the grant allowed us to expand the Cyber Pipeline professional development program into several fully-developed graduate courses offered by Kansas State University that also serve as the basis for a new Graduate Certificate in Computer Science Education, a possible focus for masters or doctorate degrees in Curriculum and Instruction, and ideally serve as one route to licensure once the State of Kansas finalizes those requirements. We were able to use grant funds to allow 64 participants to take these newly developed graduate courses, each earning up to 10 credit hours over the three courses provided in the 2022-23 academic year.

With support from the grant, the Cyber Pipeline Program hosted an on-campus workshop culminating in the first Kansas Computer Science Teachers' Association Chapter Conference. We further provided 50 CSTA+ memberships to the high school teachers in our program. Putting our teachers together physically for the three days of workshop and conference, as well as bringing them into a national organization of computer science teachers, helps them to foster a network of peers that is critical to their success, as most of our teachers are from rural areas and will be the only computer science teacher in their district.

The summary of teachers who took a course from the prior grant covering the 2022-23 school year are listed in Table 1below. We had a total of 64 participants join our Cyber Pipeline professional development program. These were primarily high school teachers, though we also had two middle school teachers, one junior high teacher, a librarian, and

one pre-professional. Of those, 14 schools will be teaching at least one Cyber Pipeline course in the 2023-24 school year as shown in Table 2. Seven of those schools plan to offer the corresponding AP exam, with one additional school planning on doing so in the future. Another four schools have signed up to evaluate the curriculum with the potential of teaching it in the 2024-25 school year. Eight schools (with some overlap of the above) are using portions of our curriculum in other CS courses. And finally, seven teachers have expressed interest in teaching advanced Cyber Pipeline courses in subjects like data structures, web development, and cybersecurity.

Table 1 Cyber Pipeline Course Enrollment and Completion

Course		Total Enrollment	Total Passed	Total Not Passed	Total Withdrawn	Current Incomplete or In-Progress
CC 710/711	S23	56	43	4	5	4
	SU23	8	8	0	0	0
CC 730	SU23	36	15	2	2	17
	F23	6	-	-	-	6
CC 750	F23	2	-	-	-	2
EDCI 765	SU23	46	28	7	0	11

At the current time of writing, there will be 1487 Kansas high school students in courses taught by a Cyber Pipeline teacher (seen in Table 2). Of these, 306 are enrolled in one of the two Cyber Pipeline courses, while the remaining students are in a different computer science course (or a classroom where CS is being integrated) taught by a Cyber Pipeline teacher. In addition to these students who are directly enrolled in a Cyber Pipeline course, there are a large number of students who will be receiving some level of computer science instruction from a Cyber Pipeline teacher in the form of lessons embedded in other curricular areas (primarily middle school, as well as high school math and science).

Table 2 Statewide impact of the Cyber Pipeline

Group	Total
Teachers who completed at least 1 course	51
...10 credit hours	15 (23 on track to finish Fall 2023)
Schools Reached	34
Rural	27
Urban	7
Schools offering Cyber Pipeline Courses Fall 2023	14
Schools integrating some part of the Cyber Pipeline	18

Number of AP-CSA courses offered	2
Number of AP-CSP courses offered	7
Estimated Students Reached By a Cyber Pipeline Course this Fall	306
Estimated Students Reached By a Teacher Trained in this Program	1487

For the 2023-24 school year, we have plans to further expand the Cyber Pipeline to draw in a cohort of new teachers as well as continuing to support those who joined us in our first cohort. We have also established a stronger working relationship with the College Board to better support our schools that have chosen to embrace the AP Exam as a way to provide their students college credit. Also, the College of Engineering at Kansas State University has committed to expanding its support of the Cyber Pipeline program. In addition to hosting the Kansas CSTA Chapter conference again, it has provided funds for the 2023-24 school year to establish a "help desk" for Kansas Computer Science teachers and their students to get both technical and instructional support, as well as mentoring and coaching in the discipline. To support the continued development of this program, we are requesting funds to support this effort, as described below:

New Cohort (Cohort 2)

We plan to recruit a new cohort of Kansas teachers to engage in our Cyber Pipeline training developed from our previous PACK grant. This consists of four graduate-level courses taught at Kansas State University:

- CC 710: Introduction to Computing for Educators (2 credits) *Taught Fall 2023*
- CC 711: Computer Education Programming Fundamentals (1 credit) *Taught Fall 2023*
- CC 730: Computer Programming for Educators (4 credits) *Taught Spring 2024*
- EDCI 765: Contemporary Pedagogies for Teaching Computer Science (3 credits) *Taught Summer 2024*

This grant will cover the tuition, fees, and books for these courses for teachers in the new cohort – a total of 10 graduate credits per teacher. Our plan is to recruit 50 new teachers for this cohort.

We will be expanding upon the recruitment channels we employed for the prior year to recruit this new cohort. We regularly engage in a variety of outreach activities with Kansas K-12 schools, including summer camps, a high school programming contest, game jam, and hackathon. We will have a presence at multiple conferences targeting K-12 educators, including the CTE Conference, Mid-America Association for Computers in Education (MACE), and Flagship Kansas. We have also partnered with the K-State Rural Education Center, which maintains a growing network of rural schools and collaborates with over 50 districts across the state.

Prior Cohort (Cohort 1)

For teachers from the prior (2022-23) year, we plan to continue to deepen their understanding of the field by offering them the chance to complete the Graduate Certificate in Computer Science Education. This consists of an additional two courses:

- CC 750 – Data Structures and Algorithms for Educators I (3 credits) *Taught Fall 2023*

And

- EDCI 768: Teaching Computer Science in Elementary Schools (3 credits) *Taught Fall 2023 and Spring 2024*

Or

- EDCI 769: Teaching Computer Science in Secondary Schools (3 credits) *Taught Fall 2023 and Spring 2024*

This grant will cover tuition, fees, and books for these two courses, a total of 6 credit hours per teacher. We anticipate 10-15 of the prior cohort's teachers returning for this additional training. We will also be inviting up to 30 teachers from the prior cohort to the summer workshop/conference for continued professional development and serve as mentors for the new cohort (more described below).

Cyber Pipeline Workshop/Kansas CSTA Chapter Conference

We plan to bring our Cyber Pipeline teachers (both new and prior cohorts) to campus for a two-day workshop in summer 2024 (June 5-6). The combination of prior and current cohorts of teachers in a summer institute was a very successful strategy we adopted for prior summer institutes like the NSF-funded Project INSIGHT and allows the prior cohort to mentor new participants and pass on best practices learned over their first year of teaching a new subject. As with the prior year, the workshop will combine in-person learning opportunities with networking among peers.

We will also host the Kansas CSTA Chapter Conference for a second year. This one-day conference (June 7th) is open to all CSTA members across the State of Kansas and represents a broader networking opportunity. It also provides many informational sessions, presented by a variety of educators, including computer science education researchers, current educators, resource providers, and potentially teachers from our first cohort. We are also inviting our partners (see Partnerships and Collaboration below) to present on opportunities they are providing to Kansas computer science teachers.

In addition, we are working with the College Board to offer a one-day workshop (June 8th) for teachers preparing to offer the AP Exam following our conference and workshop. As many of our participants are unfamiliar with the process of offering an AP Exam, this will help demystify the process and encourage more teachers and schools to offer AP credit for computer science. This synergizes well with our Cyber Pipeline courses since two of the courses the teachers will be taking correspond to AP-CSP and AP-CSA.

This grant will provide travel, food, and lodging support for teachers to attend the Cyber Pipeline workshop, conference, and College Board workshop.

Makerspace

During last year's summer workshop, we arranged a tour of the Sunderland Foundation Innovation Lab. This lab is spread across multiple floors of K-States newly renovated library and encompasses multiple innovative technologies to build a comprehensive makerspace. The space is open to all of K-State and the public. Many teachers expressed interest in the makerspace to get students excited and engaged in technology. Makerspaces have been shown to increase students engagement not only in computer science, but computational thinking in other subjects like music or literature (Campbell, 2018). Apart from general engagement (Kumpulainen, 2020), makerspaces have also been shown to be successful with underrepresented groups (Sheffield et. al, 2017). In partnership with the K-State Rural Education Center, a "package deal" for interested rural schools will be available, combining participation in the Cyber Pipeline program with an offer for a makerspace equipment package for the school. This makerspace funding comes from the Rural Education Center and will apply to both the new and prior cohort who meet the criteria. A limited number of these packages are available.

Supplemental Materials

We will be providing some additional support for our teachers in the form of a 1-year CSTA+ membership and computer science education books. The CSTA is the professional organization for preK-12 computer science teachers and provides an immense amount of support in materials and networking. A CSTA+ membership provides additional free and discounted resources for teachers. We also plan to provide all teachers with copies of books we have found especially useful for a K-12 Computer Science teacher. The criteria for receiving the CSTA+ membership are as follows:

- Cohort 1: Teachers must complete at least 1 of our cyber pipeline courses. Up to 50 memberships are available.
- Cohort 2: Teachers must either complete one additional course towards completing the CS education certificate and/or commit to serving as a mentor to cohort 1 and attend the summer workshop/conference. Up to 30 memberships are available.

Expected Measurable Outcomes/Project Deliverables

We are proposing supporting 50 new teachers with project funds over the one-year implementation period and up to 30 teachers from the prior cohort:

1) Up to 50 additional Kansas high schools would be offering at least one course in Computer Science starting in Fall 2024 using a high-quality curriculum with post-secondary rigor and the option of providing post-secondary credit through an on-site AP exam.
2) 50 additional Kansas high school teachers will have completed roughly half the requirements for the Computer Science Education graduate certificate, putting them firmly on the path to eventual certification.

3) The Kansas CSTA would induct at least 50 more Kansas teachers into a professional development network and personal learning community that can assist them in the challenges of teaching CS throughout K-12.
4) Continue support of up to 30 teachers from the prior year's cohort in continued education and professional development.
5) Through synergistic activities (see Partnerships and Collaboration below) we will gain insight into teachers' identity and self-efficacy in computer science/computational thinking.
6) Through synergistic activities, we will help a number of high need rural districts establish a makerspace lab.
7) Also through synergistic activities (see Partnerships and Collaboration below), we will refine the CPP curriculum to better support Kansas students in groups traditionally underrepresented in CS – females, marginalized racial/ethnic groups, economically disadvantaged, and those from rural areas.

Partnerships and Collaboration

Advancing Learning and Teaching in Computer Science (ALT+CS) Lab

Dr. Weese and Dr. Bean co-direct the Advancing Learning and Teaching in Computer Science (ALT+CS) Laboratory. It was established to carry out research into how to best teach a diverse student audience computer science and computational thinking. Its efforts include research and design of curriculum, instructional materials, pedagogical approaches and software tools to support computer science education from pre-K through post-secondary levels. The lab also develops, hosts, and maintains customized instructional software, including some used by the CPP. The ALT+CS Lab is responsible for improvement and adaptation of the CPP in conjunction with this grant proposal.

Center for STEAM Education

Dr. Allen directs the Center for STEAM Education, which focuses on how to integrate contemporary STEAM research and development into K-12 classrooms. The center facilitates collaborations on research, curriculum development, program development, and professional development related to the Next Generation Science Standards, engaging school administrators, teachers, researchers, STEM faculty, and non-formal educators. The center collaborates with KSUCS and ALT+CS on the development of the professional development program for the CPP, oversees the EDCI courses and graduate certificate, and it is also currently engaged in developing an eventual teacher certification program for CS. It will be responsible for managing the logistics of the professional development activities in this grant.

National Science Foundation Broadening Participation in Computing Grant

An important aspect of any curriculum development and/or professional development program is ensuring it is effective and meets its goals. While our proposal for the HB 2466 PACK Act Grant does not cover robust program evaluation costs, we will be leveraging

other resources to conduct a thorough evaluation and will share the results with KDHE. Specifically, KSUCS and the ALT-CS Lab have been awarded a National Science Foundation Broadening Participation in Computing (NSF BPC) grant to adapt the CPP courses to better engage rural Kansas students and measure the impact of these changes. The synergy between the goals of our NSF BPC grant and the PACK Act Grant mean that we can fund a thorough evaluation of the effectiveness of the CPP curriculum and teacher preparation program across all participating schools, with none of that cost passed on to the State of Kansas.

In addition, the NSF BPC grant provides for the development of CS career awareness material and training which will be shared with all CPP schools, and indeed, any Kansas schools that wish to use them. It also funds research into further adapting the Cyber Pipeline curriculum to better support students traditionally underrepresented in computer science: females, black, Hispanic, economically disadvantaged, and those living in rural areas. All curriculum improvements developed under this program will be integrated into the Cyber Pipeline Program's offerings.

Rural Education Center

The Rural Education Center is focused upon the improvement of children and youth of rural and small schools of Kansas. It provides STEM and career education through a combination of summer camps and teacher professional development. In addition, the REC has established a Rural Professional Development School Network to address the most pressing needs of rural schools by leveraging K-State resources and personnel to bring high-quality educational experiences to their students. It provides each of the schools in this network with a telepresence robot, which can be utilized by CPP leadership and GTA/GRAs for more robust interactions with CPP teachers and their students.

The College Board

The two introductory Cyber Pipeline courses have been aligned with and approved as Advanced Placement Computer Science Principles and Computer Science A courses. This means that any school that wants to teach our courses can submit the course and be summarily approved as an AP Course and offer the corresponding AP Exam. We are working closely with the College Board to ease this process for our schools, as well as provide training on using the additional teaching resources provided by the College Board as part of participating in their courses. This includes ongoing support through our "Help Desk" and College-Board lead sessions at our summer workshops. Additionally, we will cover travel, lodging, and food for Cyber Pipeline teachers participating in the College Board workshop held in conjunction with the Cyber Pipeline summer workshop/CSTA Conference.

Codio

The Computational Core Initiative and Cyber Pipeline programs use the Codio platform for many learning activities. Codio is an online instructional platform consisting of a browser-

based IDE and virtual systems that run in the cloud. In each Codio project, students are given access to a small virtual system running Linux that is preconfigured with a variety of tools, and it may also include guided tutorials or instructions for the project. Many projects in Codio also include automated grading systems, which allows students to submit a project and get instant feedback at any time, and it also reduces the grading workload for teachers during the course. For students, the only requirement is a broadband internet connection and modern web browser. Therefore, Codio can be used even on platforms that wouldn't normally be well suited for learning to program, such as Chromebooks or iPads, which are commonly found in schools.

B. Funding
- Funding for this grant is requested at the following level: $850,972
- Funding will go to cover costs associated with the Program.
- Itemize activities on the *PACT Act Fund Project Activities Sheet & Budget Sheet*. Budget justification can be found down below with this sheet.

C. Contractual Provisions Attachment and Local Assurances/Contractual Agreements
Submit completed copies of these documents (electronic only) — typed names & dates on the electronic copies and original signatures on the hard copy (if submitted) to be submitted no later than 30 days after the grant is awarded.

Organization Name: Kansas State University
PACK Act CS Grant

Grant Year: FY 2024

FINAL Fund Project Activities

Line #1	Description of the Activity (Complete this section to include with the application)	Funding $850,972
	This grant will engage a new cohort of 50 Kansas teachers with the Cyber Pipeline Program (CPP). This program provides a collection of courses developed by Kansas State University's Department of Computer Science to be taught at highs schools across the State of Kansas, and a corresponding professional development program. Our professional development was developed specifically to prepare teachers with no prior experience in CS to both teach and adapt the CPP curriculum. The professional development associated with the program consists of a series of courses developed as part of a Computer Science Education Certificate offered as a partnership between KSUCS and the Kansas State University College of Education. We also induct the teachers into the Computer Science Teachers Association (CSTA) and its Kansas chapter to provide a professional community of collaboration to further improve their understanding of teaching and learning computer science. This grant will also support our previous cohort (up to 30 teachers in total) that participated with the cyber pipeline professional development program during 2022-2023 by providing more tuition to complete the CS education graduate certificate. This grant will also support the previous cohort by bringing them back to the summer workshop so they can serve as mentors to the new cohort of teachers going through the training.	
	Responsibility: Josh Weese Start Date: 9/1/20203 Completion Date: 6/30/2024	
	Expected Result/Evaluation of the Activity (Complete this section to include with the application) 1) Up to 50 additional Kansas high schools would be offering at least one course in Computer Science starting in Fall 2024 using a high-quality curriculum with post-secondary rigor and the option of providing post-secondary credit through an on-site AP exam. 2) 50 additional Kansas high school teachers will have completed roughly half the requirements for the Computer Science Education graduate certificate, putting them firmly on the path to eventual certification. 3) The Kansas CSTA would induct at least 50 more Kansas teachers into a professional development network and personal learning community that can assist them in the challenges of teaching CS throughout K-12. 4) Continue support of up to 30 teachers from the prior year's cohort in continued education and professional development. 5) Through synergistic activities (see Partnerships and Collaboration below) we will gain insight into teachers' identity and self-efficacy in computer science/computational thinking. 6) Through synergistic activities, we will help a number of high need rural districts establish a makerspace lab. 7) Also through synergistic activities (see Partnerships and Collaboration below), we will refine the CPP curriculum to better support Kansas students in groups traditionally underrepresented in CS – females, marginalized racial/ethnic groups, economically disadvantaged, and those from rural areas.	

	06/30/24 Final Report/Activity: (Complete this section after completing funded grant activities as part of the final report) - [Enter Description Here]

FY 2024 HB 2466 GRANT APPLICATION
SUPPORTING CS PROFESSIONAL DEVELOPMENT

Promoting Advancement in Computing Knowledge Act

(Complete and return with APPLICATION)

Budgeted Items		Number of Items	Item Amount	Total Amount
A	Participant Tuition		$	$419,491
B	CSTA+ Membership		$	$4,000
C	Books		$	$8,000
D	Graduate Research Assistant Support		$	$140,958
E	Undergraduate Teaching Assistant Support		$	$48,480
F	Speaker Fees		$	$4,000
	Total for Professional Development			$624,929
	Total for Equipment			$0
	Travel Expenses to Summer Workshop and Conference		$	
G	Mileage		$	$10,795
H	Lodging		$	$48,510
I	Subsistence		$	$19,470
			$	
	Total for Travel			$78,775
J	Senior Personnel		$	$101,268
K	STEAM Lab		$	$21,000
L	ALT+CS Lab		$	$25,000
			$	
			$	
	Total for Other Allowable Expenditures			$147,268
	TOTAL FOR PROJECT			$850,972

(Return with APPLICATION)

Budget Justification

We will be leveraging the grant funds to engage high school teachers in the CPP Professional Development (PD) program, which will prepare them to deliver at least one CPP course in their high school by Fall 2024. We are proposing supporting 50 new teachers (referred to below as cohort 2) and continue to support up to 30 teachers (referred to below as cohort 1) from the K-State 2022-2023 PACK grant project. The per-teacher cost of this support, excluding fixed costs (facilitator salaries and lab costs), comes to roughly $9,994 for cohort 1 and $3,627 for cohort 2. The amount per new teacher has increased this year compared to last due to tuition cost changes. The proposed budget may be reduced based on the number of participants if needed. The timeline for our professional development activities appears in Table 3.

Table 3 Project Timeline

Time	***Activity***
Fall 2023 Classes start 9/18	• Recruitment of cohort 2 • Cohort 2 takes *CC 710 – Introduction to Computing for Educators* and *CC 711 – Computer Education Programming Fundamentals* • Cohort 1 optionally takes EDCI 768: Teaching Computer Science in Elementary School or EDCI 769: Teaching Computer Science in Secondary Schools
Spring 2024	• Cohort 1 optionally takes EDCI 768: Teaching Computer Science in Elementary School or EDCI 769: Teaching Computer Science in Secondary Schools • Cohort 2 takes *CC 730 – Computer Programming for Educators*
Summer 2024	• Cohort 2 takes EDCI 765: Contemporary Pedagogies for Teaching Computer Science
June 5-6 2024	On-Campus training/workshop
June 7 2024	Kansas CSTA Conference
June 8 2024	College Board joint AP Workshop
Fall 2024	Teachers teach CC 110 and/or CC 210 in their school, Faculty/GRA support teacher in this process

Professional Development Budget

A (Tuition): To develop the necessary content area knowledge and pedagogical knowledge, the new participating teachers (cohort 2) take 10 hours of graduate coursework in Computer Science and Education. These courses are also the first three courses in the Graduate Computer Science Education Certificate and/or Master's degree. We will cover this tuition cost with these grant funds. We will also provide continued support for cohort 1, paying for the last 6 credit hours of the CS education graduate certificate for up to 12 teachers (estimated number based on polled interest).

B (CSTA+ Membership): The second aspect of our program is helping teachers engage with a statewide *Professional Learning Community (PLC)*, a group of people outside of the school that can support and enhance their mutual learning and effectiveness teaching (Ni et al., 2021). We hope to support teachers in forming their own PLC with each other during this project. We will start this by providing teachers who complete at least one of our courses with a 1-year Computer Science Teachers' Association (CSTA) plus membership. In addition to a nation-wide professional network, the CSTA+ membership provides teachers with access to other professional development opportunities, resources, curriculum, CS education research materials, and discounts in attending the nation-wide annual CSTA conference.

C (Books): We are requesting funds to provide books for both cohort 1 and 2 as well as desk copies for our teaching assistants supporting the cyber pipeline. These books are used in part with the graduate courses (both CS and education) and will be excellent reference material for teachers as they prepare to teach computer science in their classrooms.

D (GRAs): Based on our prior experiences with STEM outreach at the K-12 level as well as the literature, we recognize that ongoing support is a crucial need for teachers as they adopt new curriculum and technologies (Bean et al., 2013). We are hiring Graduate Research Assistants (GRAs) to work directly with teachers participating in the program at a ratio of about 1 GRA for every 15 teachers for Fall 2023, Spring 2024 and Summer 2024. The GRAs will be drawn from a student pool focused on computer science education and in either a KSU-CS or KSU education graduate program. These GRAs will be focused on assisting teachers in adopting our curriculum and assisting with questions about the technology involved. They will also support research and development of tools used for this project. Additionally, these GRAs can serve as role models and mentors for the high school students taking the courses when the teacher participants launch the CPP courses in the Fall – an important strategy for encouraging supporting women and other underrepresented student groups (Kesar, 2018; Wang & Moghadam, 2017). These graduate students will be joining others who will be

hired through other funding sources to support a help desk for teachers beginning to teach any of the cyber pipeline curriculum starting Fall 2023.

E (UTAs): We are requesting additional funding to support undergraduate teaching assistants for the Fall 2023 and Spring 2024 semesters. These students will assist the graduate students in supporting the computer science courses, helping answer participant questions, holding office hours, and grading. From our previous experience with running these courses for teachers, we found that teachers needed more support compared to our regular computer science students.

F (Speaker Fees): We are requesting additional funding to support inviting and recruiting a guest speaker in computer science education to give a guest talk at the KS CSTA conference and workshop.

Travel Budget

To continue building the teachers PLC, we are requesting these grant fund to host three-day on-campus professional development workshop and the 1-day 2024 Kansas Computer Science Teachers' Association (CSTA) Conference, both at the K-State Carl R. Ice College of Engineering. We see the Kansas CSTA chapter as providing a sustainable formal organizational component to the teachers' PLCs. We will use these grant funds to cover the cost of teachers (both cohort 1 and cohort 2) attending this workshop and the KS CSTA conference. One day of the workshop will be co-hosted with the College Board to provide in-depth AP training. Additionally, two of the senior personnel will be traveling to Manhattan for the conference.

F (Mileage): We are requesting funds to cover the cost of cohort 1 and 2 driving to Kansas State University Carl R. Ice College of Engineering. We estimate an average of a 200 mile round trip. This benefit is to be for participants who are not local to the Manhattan, KS area. Additionally, the senior personnel will be traveling from Wichita and Kansas City to attend the workshop and conference.

G (Lodging): We are requesting funds to cover up to four nights in a hotel room in Manhattan, KS for those participants traveling from outside of the area. We are requesting five nights in a hotel for the two senior personnel, to allow for a day of preparation before the workshop.

H (Subsistence): We are requesting funds to cover food expenses for all participants while they are at the three-day workshop and the one-day conference at Kansas State University. This includes working lunches and refreshments during the workshop/conference, allowing for continuous engagement for participants. In addition, we will provide per diem for out-of-town participants for up to 4 days and per diem for two senior personnel for 5 days.

Other Expenditures

I (Senior Personnel): We are also requesting funds to cover a portion of the salaries of the senior personnel running the professional development program – Dr. Josh Weese, Dr. David Allen, Dr. Nathan Bean, Dr. Safia Mallalah and Russell Feldhausen. This leadership team shares responsibilities of teaching the professional development courses and workshop; developing, evaluating, and improving the CPP curriculum materials and training program; and mentoring teachers.

J (Center for STEAM Education): The center is engaged in promoting K-12 Computer Science education to schools across Kansas. The Center is responsible for tracking participating school districts by counties and identifying areas that are unreached by this program. This work involves making contact with school district leadership to identify potential participants of future CS projects. Funding support for the STEAM center will cover administration duties, technology resources, research costs, promotional materials, and dissemination of research findings associated with the grant project. Additionally, the center will continue to track teachers within their district to collect data directly related to implemented pedagogies associated with the CS

curriculum. Finally, the STEAM Center will be responsible for the graduate admission process for all participants including the processing of fee waiver forms, graduate applications, and the enrollment process. Funding from this project will support the work of the Center for STEAM Education in the efforts to facilitate both internal and external mechanisms to recruit, register, and enroll teacher participants.

K (ALT+CS Lab): The Advancing Learning and Teaching in Computer Science (ALT+CS) Lab is responsible for offering the graduate computer science courses of the CS education graduate certificate, the adaptation of curriculum materials to meet the needs of specific schools using the Cyber Pipeline curriculum, and the evaluation and continuous improvement of the Cyber Pipeline Program. The lab is also responsible for managing the Cyber Pipeline help desk, which provides on-call teaching assistants to support teachers and K-12 students in the Cyber Pipeline. The ALT+CS lab will also be responsible for managing the accounting and finances of this grant project and the administration of arrangements for the workshop and conference. The funding requested for the lab will support these efforts.

Equipment Budget

No equipment expenditures are required for this project.

Works Cited

Campbell, L. O., Hellwer, Samantha, Goodman, Brandi (2018). "Fostering Computational Thinking and Student Engagement in Literacy Classroom through Pop-up Makerspaces." Society for Information Technology & Teacher Education International Conference, Mar 26, 2018 in Washington, D.C., United States ISBN 978-1-939797-32-2 Publisher: Association for the Advancement of Computing in Education (AACE), Waynesville, NC USA

Kesar, Shalini. (2018). Closing the STEM Gap: Why STEM classes and careers still lack girls and what we can do about it. Microsoft.

Kumpulainen, Kristiina (2020). " Sociomaterial movements of students' engagement in a school's makerspace." British Journal of Educational Technology. https://doi.org/10.1111/bjet.12932

Ni, Lijun & Bausch, Gillian & Benjamin, Rebecca. (2021). Computer science teacher professional development and professional learning communities: A review of the research literature. Computer Science Education. 10.1080/08993408.2021.1993666.

Sheffield, Rachel, Koul, Rekha, Blackley, Susan & Maynard, Nicoleta (2017) Makerspace in STEM for girls: a physical space to develop twenty-first-century skills, Educational Media International, 54:2, 148-164, DOI: 10.1080/09523987.2017.1362812

FY 2024 HB 2466 GRANT APPLICATION
SUPPORTING CS PROFESSIONAL DEVELOPMENT

Promoting Advancement in Computing Knowledge Act

(Complete and return with FINAL REPORT)

Budgeted Items		Number of Items	Item Amount	Total Amount
			$	$
			$	$
			$	$
			$	$
			$	$
Total for Professional Development				$
			$	$
			$	$
			$	$
			$	$
			$	$
Total for Equipment				$
			$	
			$	
			$	
			$	
			$	
Total for Travel				$
			$	
			$	
			$	
			$	
			$	
Total for Other Allowable Expenditures				$
TOTAL FOR PROJECT				$

(Return with FINAL REPORT)

Budget Narrative:

State of Kansas
Department of Administration DA-146a
(Rev. 07-19)

CONTRACTUAL PROVISIONS ATTACHMENT

Important: This form contains mandatory contract provisions and must be attached to or incorporated in all copies of any contractual agreement. If it is attached to the vendor/contractor's standard contract form, then that form must be altered to contain the following provision:

The Provisions found in Contractual Provisions Attachment (Form DA-146a, Rev. 07-19), which is attached hereto, are hereby incorporated in this contract and made a part thereof.

The parties agree that the following provisions are hereby incorporated into the contract to which it is attached and made a part thereof, said contract being the 11th day of August, 2023.

1. Terms Herein Controlling Provisions: It is expressly agreed that the terms of each and every provision in this attachment shall prevail and control over the terms of any other conflicting provision in any other document relating to and a part of the contract in which this attachment is incorporated. Any terms that conflict or could be interpreted to conflict with this attachment are nullified.

2. Kansas Law and Venue: This contract shall be subject to, governed by, and construed according to the laws of the State of Kansas, and jurisdiction and venue of any suit in connection with this contract shall reside only in courts located in the State of Kansas.

3. Termination Due To Lack Of Funding Appropriation: If, in the judgment of the Director of Accounts and Reports, Department of Administration, sufficient funds are not appropriated to continue the function performed in this agreement and for the payment of the charges hereunder, State may terminate this agreement at the end of its current fiscal year. State agrees to give written notice of termination to contractor at least 30 days prior to the end of its current fiscal year, and shall give such notice for a greater period prior to the end of such fiscal year as may be provided in this contract, except that such notice shall not be required prior to 90 days before the end of such fiscal year. Contractor shall have the right, at the end of such fiscal year, to take possession of any equipment provided State under the contract. State will pay to the contractor all regular contractual payments incurred through the end of such fiscal year, plus contractual charges incidental to the return of any such equipment. Upon termination of the agreement by State, title to any such equipment shall revert to contractor at the end of the State's current fiscal year. The termination of the contract pursuant to this paragraph shall not cause any penalty to be charged to the agency or the contractor.

3. Disclaimer Of Liability: No provision of this contract will be given effect that attempts to require the State of Kansas or its agencies to defend, hold harmless, or indemnify any contractor or third party for any acts or omissions. The liability of the State of Kansas is defined under the Kansas Tort Claims Act (K.S.A. 75-6101 *et seq.).*

4. Anti-Discrimination Clause: The contractor agrees: (a) to comply with the Kansas Act Against Discrimination (K.S.A. 44-1001 *et seq.)* and the Kansas Age Discrimination in Employment Act (K.S.A. 44-1111 *et seq.)* and the applicable provisions of the Americans With Disabilities Act (42 U.S.C. 12101 *et seq.)* (ADA) and Kansas Executive Order No. 19-02, and to not discriminate against any person because of race, color, gender, sexual orientation, gender identity or expression, religion, national origin, ancestry, age, military or veteran status, disability status, marital or family status, genetic information, or political affiliation that is unrelated to the person's ability to reasonably perform the duties of a particular job or position; (b) to include in all solicitations or advertisements for employees, the phrase "equal opportunity employer"; (c) to comply with the reporting requirements set out at K.S.A. 44-1031 and K.S.A. 44-1116; (d) to include those provisions in every subcontract or purchase order so that they are binding upon such subcontractor or vendor; (e) that a failure to comply with the reporting requirements of (c) above or if the contractor is found guilty of any violation of such acts by the Kansas Human Rights Commission, such violation shall constitute a breach of contract and the contract may be cancelled, terminated or suspended, in whole or in part, by the contracting state agency or the Kansas Department of Administration; (f) Contractor agrees to comply with all applicable state and federal antidiscrimination laws and regulations;.(g) Contractor agrees all hiring must be on the basis of individual merit and qualifications, and discrimination or harassment of persons for the reasons stated above is prohibited; and (h) if is determined that the contractor has violated the provisions of any portion of this paragraph, such violation shall constitute a breach of contract and the contract may be canceled, terminated, or suspended, in whole or in part, by the contracting state agency or the Kansas Department of Administration.

6. Acceptance Of Contract: This contract shall not be considered accepted, approved or otherwise effective until the statutorily required approvals and certifications have been given.

7. Arbitration, Damages, Warranties: Notwithstanding any language to the contrary, no interpretation of this contract shall find that the State or its agencies have agreed to binding arbitration, or the payment of damages or penalties. Further, the State of Kansas and its agencies do not agree to pay attorney fees, costs, or late payment charges beyond those available under the Kansas Prompt Payment Act (K.S.A. 75-6403), and no provision will be given effect that attempts to exclude, modify, disclaim or otherwise attempt to limit any damages available to the State of Kansas or its agencies at law, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

8. Representative's Authority to Contract: By signing this contract, the representative of the contractor thereby represents that such person is duly authorized by the contractor to execute this contract on behalf of the contractor and that the contractor agrees to be bound by the provisions thereof.

9. Responsibility for Taxes: The State of Kansas and its agencies shall not be responsible for, nor indemnify a contractor for, any federal, state or local taxes which may be imposed or levied upon the subject matter of this contract.

10. Insurance: The State of Kansas and its agencies shall not be required to purchase any insurance against loss or damage to property or any other subject matter relating to this contract, nor shall this contract require them to establish a "self-insurance" fund to protect against any such loss or damage. Subject to the provisions of the Kansas Tort Claims Act (K.S.A. 75-6101 *et seq.*), the contractor shall bear the risk of any loss or damage to any property in which the contractor holds title.

11. Information: No provision of this contract shall be construed as limiting the Legislative Division of Post Audit from having access to information pursuant to K.S.A. 46-1101 *et seq*.

12. The Eleventh Amendment: "The Eleventh Amendment is an inherent and incumbent protection with the State of Kansas and need not be reserved, but prudence requires the State to reiterate that nothing related to this contract shall be deemed a waiver of the Eleventh Amendment."

13. Campaign Contributions / Lobbying: Funds provided through a grant award or contract shall not be given or received in exchange for the making of a campaign contribution. No part of the funds provided through this contract shall be used to influence or attempt to influence an officer or employee of any State of Kansas agency or a member of the Legislature regarding any pending legislation or the awarding, extension, continuation, renewal, amendment or modification of any government contract, grant, loan, or cooperative agreement.

- To assure all records shall be subject at all reasonable times to inspection, review, or audit by State personnel and other personnel duly authorized by KSDE. The award recipient assures that all financial records, supporting documentation, statistical records and all other records pertinent to the grant award shall be retained by the award recipient for at least five years following the end of the grant project period.
- If the activities described in the grant application have not commenced within 60 days after acceptance of the grant award, the award recipient shall report in writing the steps taken to initiate the grant project, the reasons for delay and the expected starting date. If the activities have not commenced within 30 days of receipt of the above letter, the award recipient shall submit to CTE a further statement in writing regarding the delay. Upon receipt of the second letter, KSDE may terminate the grant, and the award recipient shall return to KSDE all unused grant funds with a complete accounting of all expenditures.
- KSDE reserves the right to terminate any grant award and cease payment to the award recipient for failure to comply with applicable laws, regulations, and/or terms of the grant assurances. Further, KSDE may seek reimbursement of any or all grant funds and may reclaim durable goods purchased with these grant funds if the award recipient fails to perform in accordance with the terms of the grant assurances and reporting requirements.

Kansas State University

assures the Kansas State Department of Education of its intent to comply with the assurances and contractual agreements as outlined in this document. Further, we are willing to explain, in writing, how we intend to comply with each of these assurances and agreements.

Paul R. Lowe, Associate Vice President for Research 08/11/2023

___103 Fairchild Hall, 1601 Vattier Street, Manhattan, KS 66506-1103_____Address *(Street, City, State, Zip Code)*

FY 2024 HB 2466 GRANT APPLICATION
SUPPORTING CS PROFESSIONAL DEVELOPMENT

Promoting Advancement in Computing Knowledge Act

The Fund

House Bill 2466, the Promoting Advancement in Computing Knowledge (PACK) Act, provided funding for providing professional development to Kansas educators to support computer science program delivery and/or program expansion to meet critical technical workforce development needs. These funds are distributed through a competitive grant process, with the total amount available for FY 2024 at $1,000,000 and must be expended by June 30, 2024, Applications will be processed beginning on August 1st, 2023, for selection. Applications will still be accepted after August 1st until funds are depleted.

Eligible Recipients

Applicants eligible for an award under this grant must meet the following criteria:

1) Be a high-quality professional learning provider:
   a. "High-quality professional learning providers" means any school district, interlocal cooperative, school district cooperative, institution of higher education, nonprofit organization or private entity that:
      i. Has successfully designed, implemented and scaled high-quality professional learning for teachers; and
      ii. is approved or recommended by the state board of education as providing high-quality professional learning.
2) Demonstrate that they can meet the following conditions:
   a. Recruit new and existing teachers with little to no computer science background;
   b. use research-based or evidence-based practices for high quality professional development;
   c. focus the professional learning on the conceptual foundations of computer science;
   d. reach and support marginalized racial and ethnic groups underrepresented in computer science;
   e. provide teachers with concrete experience with hands-on, inquiry-based practices;
   f. accommodate both teacher and student needs; and
   g. ensure that participating districts shall begin offering a computer science course within the same or next school year after the teacher receives the professional learning

Applicants will be evaluated based on the following preferential criteria:

1) School districts and/or cooperatives that work in partnership with providers of high-quality professional learning;
2) Proposals that describe strategies to enroll female students, students from marginalized racial and ethnic groups underrepresented in computer science, students eligible for free and reduced-price meals, students with disabilities and English language learners; and

3) proposals from rural or urban areas that experience difficulties providing computer science offerings.

Award Period

This grant award(s) is for the period July 1, 2023 through June 30, 2024.

Purposes for PACT Act Grants

PACK Act Fund grants must support professional development activities in building computer science teaching capacity in Kansas K-12 public education and must be geared toward enhancement or expansion of programs in support of computer science.

Application Process

Interested, qualified applicants must submit a form W-9 and a proposal describing the nature and scope of the proposed project and the amount of funding requested. Proposals for PACK Act Fund grants should include a cover sheet, a project application, a detailed budget and budget narrative which identifies specifically how the funds will be expended as well as outline how the project will enhance programs supported. Completed assurances forms will be requested if the proposal is funded.

Submission Requirements

For consideration in initial round of grants, an electronic copy of the PACK Act Fund Proposal must be submitted to: Stephen King, PhD, *sking@ksde.org*, no later than 5:00 p.m. local time on August 11,2023. Proposals received after the due date will be considered until funds are depleted.

Documents	Due Date	Submit to
Electronic copy of Cover Sheet, Application, Project Activities Sheet and Budget Information	8/11/23	*sking@ksde.org* Stephen King
Hard copy of all documents w/original signatures, contractual provisions and local assurances attachments	Upon Request	KSDE CSAS c/o Stephen King 900 SW Jackson, Suite 653 Topeka, KS 66612

Reporting Requirements

Grant recipients must provide a final narrative, a final project activities sheet, and a final expenditure report no later than August 31st, 2024. The applicant's Grant Coordinator is

responsible for verifying reported information as well as ensuring the final report is submitted as required.

Invoicing Requirements

Grant recipients must submit one invoice each month of the award period prior to the 20th of the month, or an email indicating that no invoice will be sent for that month. Invoices should use the grantee's format but should make clear which category of Budgeted Items (from the original application or later approved modification) each expense that is invoiced should be allocated toward.

Invoices must be submitted to Stephen King either via email or postal service at the addresses on page 2.

Grant Award Modifications

Modifications are permitted with prior KSDE approval as long as the modification does not increase the total amount of the grant. Modifications should be submitted to Stephen King via email using a format that makes clear the purpose of the changes and the amount of change to each budgeted category.

This final report shall include at least the following information:

1) The number of teachers prepared;
2) the number of students reached;
3) the number and percent of students reached disaggregated by gender, race, ethnicity and socioeconomic status; and
4) the number of teachers and school districts that implemented computer science courses versus the number of prepared teachers that attended professional learning

Failure to Commence Project

If the project activities described in the grant proposal have not commenced within 30 days after acceptance of the grant award, the recipient must report in writing the steps taken to initiate the project, the reason for the delay and the expected start date, and submit an adjusted project timeline. If project activities have not commenced within 10 days of receipt of the above letter, KSDE may terminate the grant and the recipient will be required to return all unused grant funds with a complete accounting of all expenditures. All funds must be expended by June 30, 2024.

Right to Terminate the Grant

After a grant is awarded, any adjustments and/or modifications to the activities or budget amounts must be approved by KSDE prior to the change occurring. Failure to request grant

changes in advance may result in the returning of funds expended without approval and/or termination of the grant. KSDE reserves the right to terminate any grant award and cease payment to the recipient for failure to comply with applicable laws, regulations, and/or terms of the grant assurances. Further, KSDE may seek reimbursement of any or all grant funds and may reclaim any equipment, durable goods and other property purchased with these grant funds if the recipient fails to perform in accordance with the terms of the grant assurances and reporting requirements.

Unused Funds

All grant funds awarded but not expended by June 30, 2024 will not be disbursed to grantee.

FY 2024 HB 2466 GRANT APPLICATION
SUPPORTING CS PROFESSIONAL DEVELOPMENT

Promoting Advancement in Computing Knowledge Act

Cover Sheet

INT#622 ESSDACK

USD # and Name or Organization Name

Secondary Funding: I understand that if funds become unavailable this application may be terminated. If satisfactory progress and documentation are not made regarding the intended outcomes of this application or if this institution fails to comply with applicable laws, regulations, assurances and/or terms of this grant this application becomes null and void and all funds must be returned.

List Contact Persons

Responsibility	Name & Position	Telephone	Email Address
Application Completer	**Clelia McCrory- Career/Grants Specialist**	**620-694-9289**	***cleliamccrory@essdack.org***
Administrator	**Dr. Chad Higgins**	**620-663-9566**	***chadhiggins@essdack.org***
District Clerk/ Finance Officer	**Deborah Haneke**	**620-728-8585**	***debhaneke@essdack.org***

Provide individual participant information below.

Participant Name (First & Last)	Participant Role	Telephone	Email Address
Clelia McCrory	**CTE/Mentor/Co-PI**	**620-694-9289**	***cleliamccrory@essdack.org***
Michael Cargill	**Co-PI/Mentor (CS industry nationally trained trainer)**	**620-282-3189**	***mcargill@stafford349.com***
Elizabeth Parker	**Mentor/Co-PI**	**620-727-7091**	***bethparker@essdack.org***
Kendra McAlister	**Program Director, Kansas Workforce ONE**	**620-200-1427**	***kendra@kansasworkforceone.org***

Dr. Chad Higgins **8/8/2023**

Administrator's Signature Date

STATE USE ONLY—DO NOT WRITE BELOW THIS LINE

$. Approved Grant Award Amount

KSDE Authorized Representative Date

FY 2024 HB 2466 GRANT APPLICATION
SUPPORTING CS PROFESSIONAL DEVELOPMENT

Promoting Advancement in Computing Knowledge Act

A. Project Narrative

- Explanation/Description of the Professional Development and the Overall Proposed Uses

The "Computer Science in Industry-Cadre" project (CSI-C) has been carefully developed to meet the unmet needs of many small, rural school districts who primarily do not have current staff with existing knowledge, skills, and verifiable computer science experience needed to teach one or more courses that address the five elements of the new Kansas Computer Science Standards, especially the element of "using algorithms and developing code/programming". At the same time, there are rural Kansas industries considering the use and/or expansion of automation or other processes that require coding/programming. To do so would require the need to locate - more trained workers that are willing or prefer to live in rural Kansas.

After visiting with several ESSDACK area county economic development directors and Mr. Dave Mullins, Director of the Business and Industry Institute at Hutchinson Community College, it became apparent that C++ was the coding/programming language most often being requested by area business and industry. "C++ is an object-oriented programming language that is viewed by many as the best language for creating large-scale applications." According to *https://www.coursera.org* , "C++ is among the top 10 most widely-used programming languages in the world. It's a general-purpose programming language (GPL), which means you can use it to build any type of program." Therefore, the CSI-C project will offer learning supports and hands-on projects using C++ language to teach a year-long, high-quality computer science course addressing all five elements of the Kansas Computer Science Standards. Mrs. McCrory has had multiple industry contacts indicate that once a student becomes proficient in the C++ language, they can easily learn other utilized computer science languages like Java or Python.

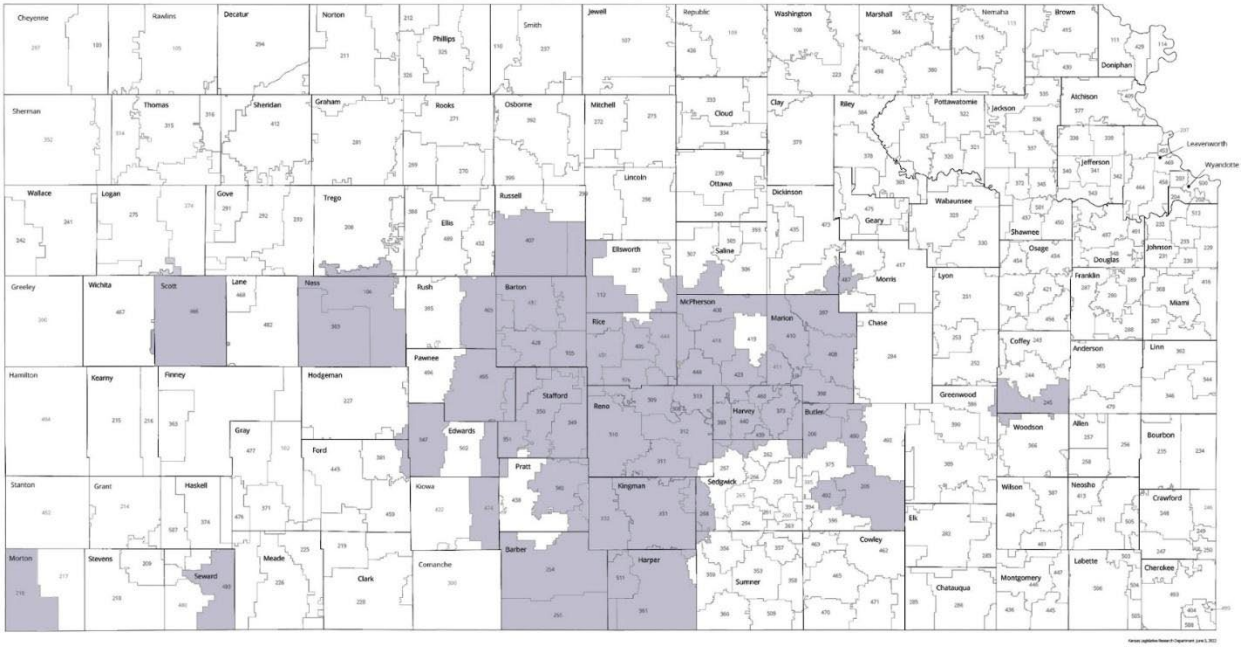
Many school districts now realize they are required to "offer" one or more high quality computer science courses at the high school level that address the five elements in the new computer science standards. Therefore, the CSI-C project will help Kansas communities grow a higher skilled workforce AND ALSO help many Kansas mostly rural school districts address the requirement to offer at least one high quality computer science course.

ESSDACK reached out in preparation for this grant funding opportunity to its 58 regional education service center member school districts (despite the calendar timing being before school staff have returned for 23-24

school year). As of August 7th, 2023, 30 school districts have committed to the proposed CSI-C; 19 districts are higher-need (above 40% free-reduced school district lunch rate for 2022-2023 (as posted at *www.ksde.org*). The number of confirmed teacher participants from those 30 districts is 35-48 which is below the 60-teacher maximum CSI-C Professional Development Project. Confirmed districts and requested participant numbers are listed in the chart below:

Computer Science in Industry - Cadre			
ESSDACK Member District Confirmed Participant Numbers			
Districts listed below have confirmed their intent to register 1-3 teachers for the			
School District Name	**22-23 F/R Lunch Percentage**	**Minimum # of Participants**	**Maximum # of Participants**
Attica Public Schools USD 511	61.40%	2	2
Barber County North USD 254	54.10%	1	2
Burrton USD 369	53.40%	1	2
Canton-Galva USD 419	38.40%	1	2
Central Plains USD 112	14.80%	1	2
Chaparral USD 361	66.00%	1	1
Chase Raymond USD 401	83.20%	1	1
Cheney USD 268	28.70%	1	1
Cunningham USD 332	32.00%	1	1
Ellinwood USD 355	43.50%	1	1
Fairfield USD 310	58.80%	2	3
Goessel USD 411	34.00%	1	2
Halstead-Bentley USD 440	44.90%	1	2
Herington USD 487	69.50%	1	1
Inman USD 448	30.40%	1	1
Kinsley-Offerlee USD 347	57.50%	2	2
Little River USD 444	30.40%	1	1
Lyons USD 405	73.20%	1	2
Macksville USD 351	67.20%	1	1
Marion-Florence USD 408	47.20%	1	2
Moundridge USD 423	41.80%	1	2
Otis-Bison USD 403	33.50%	1	2
Peabody-Burns USD 398	56.20%	2	2
Remington-Whitewater USD 206	39.20%	1	2
Sedgwick USD 439	36.60%	1	1
Smoky Valley USD 400	25.90%	1	1
South Barber USD 255	60.10%	2	2
Stafford USD 349	58.80%	1	1
Sterling USD 376	42.90%	1	2
Western Plains USD 106	66.10%	1	1
TOTAL CONFIRMED PARTICIPANTS		35	48

ESSDACK serves member school districts in the following counties as displayed in the map below; the districts are located primarily in rural western and central Kansas.



Based upon our research and connections with regional workforce development and county economic development agencies, we have created a partial list of businesses and industries by county that utilize computer science (especially coding and programming applications). An expanded list will be used with our teacher participants to help them identify nearby industry partners to enhance learning relevance for the students:

County	Member USD	Businesses Utilizing Advanced Computer Science
Barber	254, 255	Gold Bond
Barton	112, 431, 403, 428, 495, 355	KMW, Superior Essex
Butler	205, 206, 402, 405, 398	D-J Engineering (Augusta)
Coffey	245	EMP Shield, Wolf Creek Nuclear Generating Station, Forte (plastics mfg)
Edwards	347, 351	Skyland Grain
Ellsworth	112, 400	Great Plains Mfg
Harper	361, 511, 255, 331, 332	Harper Industries
Harvey	313, 373, 440, 369, 439, 206, 423, 460, 398	AGCO, Full Vision, Millenium Machine, Stanley Black & Decker
Kingman	331, 311, 332, 268, 361	Great Lakes Polymer Technologies
Kiowa	474	Bucklin Tractor & Implement Co.
Marion	411, 397, 410, 398, 408	Barkman Honey, Bradbury (Marion Tool and Die), Container Services Inc, Hillsboro Industries
McPherson	400, 418, 444, 448, 423, 419, 306, 411	Bradbury, CertainTeed, CHS McPherson Refinery, MKC, Moridge Mfg, Pfizer, Viega, Westlake Pipe and Fitting, Paramount Placement
Morton		Seaboard Foods (pork production - Rolla)
Ness	106, 303	Webber-Gross Welding
Pawnee	351, 495	Ball Manufacturing, Titan Steel Manufacturing
Pratt	351, 332, 254, 310, 349	Cross Mfg.
Reno	308, 309, 310, 311, 312, 313, 331, 369, 376	ADM, Collins Bus, Hutchinson Water Treatment Plant, Jackson Dairy, Kuhn Krause, Lowen, Siemens Gamesa, Tyson, Yoder Smokers
Rice	376, 405, 401, 112, 444, 309, 448	Jacam Catalyst, Kansas Ethanol, KMW, Lyons Salt
Rush	403	KBK Industries
Russell	112, 407	Illinois Tool Works
Scott	466	American Implement (John Deere)
Sedgwick	268	Manufacturing Development Inc., Charles Engineering, Textron Aviation, Farrar Corp. (Cheney), Weckworth Mfg (Haysville)
Seward	483	National Beef
Stafford	349, 350, 351, 355, 428, 401	Stafford County Flour Mill

In addition to doing initial recruitment as listed above, ESSDACK led a small-scale pilot that provided students the opportunity to experience computer coding and programming using Arduino microcontroller platform and two levels of robotics (using Raspberry Pi robotics and FANUC industrial robotics). This distance learning project had a few students from three participating school districts. The six students participating in the pilot had varied demographics that could be scaled up with similar results due to the Computer Science in Industry-Cadre project being offered initially face-to-face with trained instructors.

Student:	Demographics:	Courses Taken:	Success (yes or no) and related Future Plans:
1	Female, white	Electronics/coding, Robotics Coding Programming, FANUC Industrial Robotics	Yes (with all 3) Still In high school but wants to do more coding programming and robotics
2	Female, white	Electronics/coding and Robotics Coding Programming	Yes (with 2) Moved out of state afterwards so current status unknown
3	Male, Hispanic	Electronics/coding and Robotics Coding Programming	Yes (with 2) went to Barton CC majoring in Computer Security and has part-time job as computer tech in Great Bend
4	Male, white, qualified for free lunch (low poverty)	Electronics, Robotics Coding Programming, and FANUC Industrial Robotics	Yes (with 3) went to Viega Manufacturing at McPherson serving as robotics technician apprentice
5	Male, white	Electronic, Robotics Coding Programming, and FANUC Industrial Robotics	Yes (with 3) went to WSU Tech to continue coursework in robotics
6	Male, white, had a SPED disabilities IEP	Electronics, Robotics Coding Programming, and FANUC Industrial Robotics	Yes (with 3), went to Viega Manufacturing at McPherson serving as robotics technician apprentice

RESEARCH BASIS:

1. **Recruit new and existing teachers with little or no computer science background**

(ESSDACK has already recruited a majority of the available up to 60 training cadre slots before submission and almost all of the confirmed participants have little or no computer science (see the above district chart). The research findings also gave another suggestion:

Tan et. al. (2017) found that building resilience in students through strong disciplinary engagement using low-cost embedded platforms such as Arduino tends to reduce student attrition because they felt more engaged in the programming process and enjoyed seeing the practical applications of hardware programming.

2. **Use research-based or evidence-based practices for high quality professional development**

According to Herger & Bodarky (2015), there are a number of open source programming and affordable hardware platforms that trainers can use to implement low cost and interactive learning programs for various age groups but not as much is available for Grades 7-12 computer science learning. Arduino projects have been found to be interesting for Grades 7-12 students and not seem juvenile so teachers experiencing PD on how to use Arduino kits can then engage students in basic elements of engineering and computer programming. Their research-based training programs utilized the use of Arduino UNO, Raspberry Pi Gemma kits, and Flora kits. Arduino is an open source, micro controller-based hardware platform along with integrated development environment software that can be used to write code to then manipulate the hardware. Karaahmetoglu & Korkmaz (2019) found that the use of Arduino educational robot applications also contributed significantly to growth in students' computational thinking skills in their research study.

Sari, et.al. (June, 2022) study examined how to develop algorithmic thinking and what kinds of activities and learning content could be used in classrooms. The effect of STEM-focused physical computing activities using Arduino was investigated by mixed-method research. The findings found that STEM-focused physical computing activities developed teacher candidates' algorithmic thinking skills. In addition, the other Sari, et.al (2022) study found that STEM-focused Arduino activities have a positive effect on improving the problem-solving and entrepreneurship skills of teacher candidates.

The Johnson et.al. (May, 2023) study was a replication study using self-efficacy theory to design Arduino instruction for novices. The one-group pretest-posttest design found that the instructional treatment had significant and large effects in increasing students' interest in Arduino, breadboarding self-efficacy, programming self-efficacy, and Arduino knowledge. Johnson used Bandura's 1986 self-efficacy theory to develop the lesson and laboratory activity instructional treatment to teach circuit breadboarding and Arduino programming to novice students in agriculture classes. Self-efficacy is defined as a person's confidence in their ability to perform a particular behavior or task. The Johnson

May, 2023 study results found approximately the same improvement in results as the Bandura 1986 study. So, it's important when teaching "microcontrollers and programming to novices, instructors should encourage students, express confidence in student abilities, teach enthusiastically, break larger tasks into carefully sequenced subtasks, and provide multiple opportunities for students to experience mastery, vicarious, and social persuasion experiences" (quoted from p.81).

3. **Focus the professional learning on the conceptual foundations of computer science**

   The professional development training plan shall focus upon the conceptual foundations of computer science. (Shute et.al. (2017) indicated that the key processes involved with computational thinking are "problem (re-)formulation, recursion, decomposition, abstraction, and systematic testing of the solutions and procedures." (Florez et.al., (2017) further indicated the importance of providing opportunities to collaborate so that teachers can experience peer support. Florez also listed the value of using visualization tools which will help students develop and then create clarity about their mental models about programming concepts.

   Brennan and Resnick (2012) cited the three key areas of computational thinking are computational concepts, computational practices, and computational perspectives. Computational practices are the problem-solving processes used during programming such as testing and debugging. Computational perspectives include the students' understanding of themselves and their interaction with others and with technology such as questioning technology as a way to solve real-life problems.

4. **Reach and support marginalized racial and ethnic groups underrepresented in computer science**

   Scherer et.al. (2020) found in his meta-analysis of teaching and learning computer programming study that using visualization tools such as Arduino kits or robots was found to increase multi-racial female enrollment in coding classes as well as promote larger achievement gains with females that tend to be under-represented in STEM courses. In addition, the 22-23 ESSDACK "pilot" small group informal computer science project of six students using Arduino electronics/coding and Raspberry Pi coding/robotics attracted one Hispanic student and he was successful with both hands-on computer science courses and now is continuing his education at Barton CC majoring in Computer Security and working a part-time job as a computer tech in Great Bend. Most of the ESSDACK rural school districts have very little racial and ethnic diversity but this is a success story to utilize for our envisioned PACK Grant replication on a larger scale.

5. **Provide teachers with concrete experience with hands-on, inquiry-based practices**

   Kafai & Burke (2013) in their research study found that creating games using coding and programming robots are especially effective for teaching and learning programming because they shift the focus from creating the code to the applications and the making of creative products. The Chichekian et.al. (2022)

study utilized Arduino kits to teach computer coding for usage in engineering robotics when instruction had to occur virtually instead of physically face to face. They found significant increases for interest in robotics as well as the conceptual understanding of microelectronics and computer programming. They found that moving complex engineering ideas to novel virtual delivery situations using the hands-on Arduino microcontroller platform for instructional delivery worked! The research findings of the Chichekian study might promote computer coding and programming to happen through virtual instructional delivery using hands-on tools like Arduino microcontroller platform so that computer programming and coding student proficiency in Kansas could result statewide for future industrial applications!

6. **Accommodate both teacher and student needs**

   Liu et.al. (2013) studied the use of hands-on learning strategies to teach computer science coding and programming and noted that when using programmable robotics tools like Arduino kits or other types of robots, the students can directly test their developed code and get immediate feedback that is observable such as robotic movements. The Malik et. al. (March, 2023) study found that using project-based learning, hands-on activities, and flipped teaching increased students' learning motivation and their perceptions of their learning during computer science instruction. The Tsiastoudis et.al. (2018) study found that the literature cited the low participation of students with disabilities in subjects related to STEM education. But, with utilizing the Arduino platform in the computer science course, the students with hearing disabilities participated in equal terms with other students and achieved comparable results.

   The views of pre-service teachers from different disciplines using Arduino kits was examined during the Basarmak et.al study (2021). One of the most important goals in this study was for the training and implementation process used with the teachers to accentuate the importance of coding and robotic applications. The researchers also strived to raise awareness of how utilizing coding in student learning would help their communities. Their students would become proficient in using coding skills and then help employers better meet the workforce needs for the future. The study also suggested that pre-service teachers can improve themselves individually by doing cross-disciplinary work with various Arduino implementations.

7. **Ensure that participating districts shall begin offering a computer science course within the same or next school year after the teacher receives the professional learning**

   (As part of the initial recruitment process, ESSDACK made school districts aware of the expectation to offer one or more computer science courses that would address all five elements of the computer science standards which also includes Element 5: Using Algorithms and Developing Code Programming. The planned, prepaid after training mentoring follow-up activities for 24-25 for each participant should help ensure that the participant is implementing a computer science course.)

The TRAINING PLAN for CSI-C would center on Computer Science Learning Activities with daily embedded "Learning Nuggets" (like brief labor market need talk, KS Workforce activity, etc.) throughout the three training days. (The accompanying research and evidence-based effectiveness usage of Arduino hands-on resources to teach a computer science course includes a RESOURCE BINDER that will be provided to all 60 teacher participants along with follow-up mentoring. These will also address all of the learning standards listed for the AP Computer Science Principles course. The AP Computer Science Principles course addresses all five elements of the Kansas Computer Science Standards (according to Stephen King at KSDE):

Training Day:	Computer Science Element and Standards Addressed:	Activities:	Supplies Used:
Day 1	(Impacts of Computing): L1.IC.CP.01 L1.IC.C.01 L1.IC.C.02 L1.IC.C.03 L1.IC.SI.01 L1.IC.H.01 L1.IC.SLE.01 L1.IC.SLE.02 L1.IC.SLE.03 (Variables/Controls) L1.AP.V.01 L1.AP.C.01 L1.AP.C.02 L1.AP.C.03 L1.AP.C.04	*Introduction: Hand out kits & make introductions. Find Breadboards, micro-processor, resistors and conductors, LEDs *Using Sticky Notes: (sample questions) Ask most significant impact computers have had on their life, then their parents' life, then their grandparents' life and explain their answers. *Introduction to Breadboard Design & construct single circuit using a 9 volt battery conductors, resistor, LED and breadboard. *Lab-Parallel vs. Series Circuits *Introduction to Arduino w/ activity *Lab-Connecting Micro-processor to Laptop *C++ Coding (digitalWrite) *Design, construct and code, using C++ a circuit that produces a HIGH and LOW OUTPUT to an LED *Create program that utilizes digitalWrite and delay commands that turns on and off a series of LEDs all at the same time. *Create program that utilizes "digitalWrite" and "delay" commands that turns on and off a series of LEDs at individual times *Design, construct & code, using C++ a circuit that produces one LED blinking 5 times, followed with a 1 second HIGH and 1 second LOW	Elegoo Super Starter Kit UNO R3 Laptop Computer (PC Preferred) Download Arduino Software.

		***Design, construct & code, using C++ a circuit that produces two blinking LEDs blinking at individual times. LED 1 blinks 5 times, LED 2 blinks 3 times, followed with a 1 second HIGH and 1 second LOW.**	
Day 2		***Assignment Review - suggested code (copy/paste reviewed)** ***C++Coding ("for loop") activity - Design, construct and code, using C++ a circuit that produces a repetitive HIGH and LOW OUTPUT to a series of LED for a specific number of blinks. Code provided and reviewed. Goal is to successfully develop a "for loop".** ***Lab (using digitalWrite to develop a "for loop")** **-Create program that utilizes digital Write and delay commands that turns on and off a series of LEDs all at the same time for a specific number of times.** **-Create program that utilizes digitalWrite and delay commands that turn LED 1 on for 5 blinks and LED 2 on for 3 blinks before returning to LOW.** **-Create program that utilizes digitalWrite and delay commands that turn LED 1 on for 5 blinks and LED on for 3 blinks before returning to LOW. Now nest "for loops" so that LED1 and 2 blink for a set 3 times before going to LOW.** **C++Coding (serial port) (example of serial port is an ATM)** **-Coding Arduino to act as a serial port and setting baud rate (guided instruction) then** **Lab (Activate the serial port and set baud rate) – develop the code in the VOID setup that allows Arduino to open the serial port and determine a baud rate,** ***C++ Coding ("while loop") with activity: Developing a "while loop" that allows an outside party to input to your device. We will be using the serial port and coding a "while loop". This activity also reinforces digitalWrite and "for loops".**	**Same as Day 1**

		***LAB: (Develop a "while loop" and activate the serial port)** **1. Design, construct & code a circuit that allows a third party individual to determine the number of times that an LED blinks.** **2. Design, construct and code a circuit that allows a third party individual to determine the number of times that two LEDs blink individually.** **Assignment: Develop & implement the code that would allow a new student, at your school to answer a series of questions that would help enroll them. (Example: What extracurricular activities are you involved in?; How old are you?, In what year do you expect to graduate?)**	
Day 3 **Day 3 (cont.)**	**(Data Analysis)** **L1.DA.C.01** **L1.DA.CVT.01** **L1.DAIM.01** **L1.APA.A.01** **(Additional CTE)** **L2.AP.A.01** **L2.AP.A.02** **L2.AP.A.03** **L2.AP.A.04** **L2.AP.A.05** **L2.AP.A.06** **L2.Ap.C.01** **L2.AP.M.01** **L2.AP.M.03**	***Review of Assignment (Code will be provided for guided assistance.)** ***Lesson: Pulse Width Modulation PWM and analogWrite) – an individual can dim an LED or slow a motor by including PWM.analogWrite into the code.** ***Guided Instruction: With review of the micro-processor and using analogWrite we will develop a code where the brightness of an LED can be adjusted. This code will also hold true with slowing a motor,** ***LAB: (adjusting the brightness of an LED using PWM/analogwrite and a "for loop") – Design, construct and code a circuit that will adjust the brightness of an LED from 0 to 255 in 2 seconds.** ***Lesson (Conditional Statements- if/else)** **-This is where the computer begins to make decisions based on a given set of perimeters.** ***Guided Instruction Activity:** **Design, construct, and code a circuit that when the input number is less than 5 the red LED will light. When the input number is equal to or greater than 5 green LED will be illuminated.**	**Same as Day 1**

		***LAB: (Design a survey where individuals are allowed to select a color and assign their selection to a specific number) – Design, construct & code a circuit where individuals are allowed to select a color, assign their color a specific number and blink a corresponding LED.** **Review of the Training (including review of resources like the prepared manual)** **Potential add-on courses:** **Programmable Logic Controllers** **Robotics** **Industrial Machining** **FANUC Industrial Robotics** **CNC** **Point out Additional CTE Career Focused Students standards!**	

- Expected Measurable Outcomes/Project Deliverables
  Grant recipients will:

1) **60 teachers from primarily small, rural high schools will be offering at least one course in Computer Science starting in Fall 2024 using a high-quality curriculum aligned with regional or within-county industry entity connections.**
2) **60 teachers will be provided two hours of graduate computer science college credit through grant funding with the option to accessing up to two additional hours of graduate computer science college credit on their own as they implement the follow up levels of professional development after the two cadres of 30 teachers to be offered during this grant.**
3) **Through synergistic activities (see Partnerships and Collaboration below) we will gain insight into teachers' identity and self-efficacy in computer science/computational thinking as they utilize their grant-funded Arduino kits and other resources.**
4) **60 teachers will be connected to local or regional industry entities located near their school district utilizing the computer science standards elements especially including cybersecurity and coding/programming so impacted students can readily see learning relevance beyond their rural high school.**
5) **Kansas Workforce ONE and other regional workforce development offices are partnering with ESSDACK during and after the training cadres to further connect the students and their school districts with various workforce development resources including apprenticeship options.**

6) **Grant-funded follow-up mentoring will occur five times with each teacher participant during 24-25 school year to further ensure high-quality implementation of the provided CSI Cadre PD back at the school site.**

- Partnerships and Collaboration

MidAmerica Nazarene University, 2030 E. College Way, Olathe, KS – ESSDACK will continue to partner with its higher education partner for providing nationally accredited graduate college credit for its training participants. Glenna Murray and Cristy Worthington (Continuing Education & Partnership Development Specialists) at MidAmerica Nazarene University will make available SCI graduate credit for the Computer Science in Industry computer science course to be offered in 2024 during the two training cadres. Teachers will earn two hours of grant-funded graduate college credit and then can also access additional graduate computer science SCI credit for doing additional levels of content implementation up through IMPACT level. MidAmerica Nazarene University processes the college credit for $90 per credit hour for ESSDACK trainings when not providing the course instructor(s). (see provided support letter)

Viega Manufacturing at McPherson, KS (John Nuthall – Apprenticeship Manager)
***John.nuthall@viega.us* – Two of Mr. Cargill's students from XYZ High School (name changed to protect student identity) who learned C++ coding and programming and then FANUC industrial robotics at XYZ High School now work using these skills at Viega Manufacturing. Mr. Nuthall hopes to work with the CSI-C Project to help the region's training project teachers and students connect to real world industrial applications using their coding/programming/troubleshooting skills. Zoom technology or a field trip will make this possible even during their school year.**

Kendra McAlister (Program Director Kansas Workforce ONE)
***kendra@kansasworkforceone.org* – Kendra McAlister has worked with ESSDACK before with our Hutchinson/Pratt Perkins Regional Needs Assessment and our annual Career Expo. She will connect with the teacher participants during the training cadre and will share additional resources from Kansas Workforce Development Centers across the state that will further help connect CSI-C schools teaching advanced computer science skills to the growing and changing needs of Kansas business and industry. (see Workforce One support letter from Executive Director Deb Scheibler)**

B. Funding
- Funding for this grant is requested at the following level: **$190,800**
- Funding will go to cover costs associated with the Program.
- Itemize activities on the *PACT Act Fund Project Activities Sheet & Budget Sheet*.

C. Contractual Provisions Attachment and Local Assurances/Contractual Agreements

ESSDACK will follow up with signed assurances and agreements shortly after grant award notification (any modifications within two weeks and signed assurance/agreements in less than 30 days as noted in technical assistance PowerPoint or forms).

Submit completed copies of these documents (electronic only) — typed names & dates on the electronic copies and original signatures on the hard copy (if submitted) to be submitted no later than 30 days after the grant is awarded.

RESEARCH LIST OF WORKS CITED:

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Scherer, R., (2016). Learning from the past – the need for empirical evidence on the transfer effects of computer programming skills. ***Frontiers in Psychology, 7(1390), https://doi.org/10.3389/fpsyg.2016.01390*****.**

Shute, V.J.; Sun, C.; & Asbell-Clarke, J., (2017). Demystifying computational thinking. ***Educational Research Review, 22, 142-158. https://doi.org/10.1016/j*****.**

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Tsiastoudis, D. & Polatoglou, H., (June, 2018). Inclusive education on stem subjects with the Arduino platform, Proceedings of the 8th International Conference on Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion, pp.234-239, ***https://doi.org/10.1145/3218585.3218666*** **.**

Organization Name: **INT#622 ESSDACK** Grant Year: FY 2024

PACK Act CS Grant

FINAL Fund Project Activities

Line #1	Description of the Activity (Complete this section to include with the application)	Funding **$190,800**
	The "Computer Science in Industry-Cadre" PD (CSI-C) will engage 60 Kansas teachers (primarily from small, rural district high schools with little or no computer science experience). This conceptual foundation with hands-on computer science professional development will be using evidence-based Arduino and other programmable coding tools while aligning with industrial applications. "Learning times" with Kansas Workforce reps., Business & Industry entities using computer coding, labor market forecast, and other industry connections will be utilized. Five grant-funded sets of Arduino, programmable robot car, and Raspberry PI kits per participant will facilitate the workshop learning activities and follow-up classroom usage with a small student group. Prepaid 24-25 mentoring, two graduate college credit hours, and a sample list of county/regional businesses utilizing coding applications will be provided to training participants.	
	Responsibility: **Clelia McCrory (with assistance from Michael Cargill, Elizabeth Parker, and Kendra McAlister)** Start Date: **9/1/2023** Completion Date: **6/30/2024**	
	Expected Result/Evaluation of the Activity (Complete this section to include with the application) **7) 60 teachers from primarily small, rural high schools will be offering at least one course in Computer Science starting in Fall 2024 using a high-quality curriculum aligned with regional or within-county industry entity connections.** **8) 60 teachers will be provided two hours of graduate computer science college credit through grant funding with the option of accessing up to two additional hours of graduate computer science college credit on their own as they implement the follow up levels of professional development after the two cadres of about 30 teachers each to be offered during this grant.** **9) Through synergistic activities (see Partnerships and Collaboration below) we will gain insight into teachers' identity and self-efficacy in computer science/computational thinking as they utilize their grant funded Arduino kits and other resources.** **10) 60 teachers will be connected to local or regional industry entities located near their school district utilizing the computer science standards elements especially including cybersecurity and coding/programming so students can readily see learning relevance beyond their rural high school.** **11) Kansas Workforce ONE and other regional workforce development offices are partnering with ESSDACK during and after the training cadres to further connect the students and their school districts with various workforce development resources including apprenticeship options.** **12) Grant-funded follow-up mentoring will occur at least five times with each teacher participant during 24-25 school year to further ensure high-quality implementation of the provided CSI Cadre PD back at the school site.**	

	06/30/24 Final Report/Activity: (Complete this section after completing funded grant activities as part of the final report) - [Enter Description Here]

FY 2024 HB 2466 GRANT APPLICATION
SUPPORTING CS PROFESSIONAL DEVELOPMENT

Promoting Advancement in Computing Knowledge Act

(Complete and return with APPLICATION)

Budgeted Items		Number of Items	Item Amount	Total Amount
A	**Participant Tuition (2 credit hours covered by grant)**	**60**	$**180**	$**10,800**
B	**Participant Computer Science 3-day workshop fee**	**60**	$**525**	$**31,500**
C	**Participant Recruitment, planning, teacher participant assistance outside of workshop or mentoring dates**	**20 days**	$**300**	$ **6,000**
D	**Prepaid 2024-2025 Follow-up Mentoring sessions (5 per participant)**	**60**	$**500**	$**30,000**
E	**Arduino Super Starter Kits, Programmable Robotic Car with Stepper Motor, Raspberry Pi 4 Complete with Stepper Motor (5 sets per participant to use during and after workshop training)**	**300 sets**	$**300**	$**90,000**
	Total for Professional Development			$**168,300**
			$	$
			$	$
			$	$
			$	$
			$	$
	Total for Equipment			**0**
			$	
			$	
			$	
			$	
			$	
	Total for Travel			$**0**
F	**Curriculum Printing and Binder Costs for participants to use during 24-25 and beyond**	**60**	$**75**	**4,500**
G	**Participant Stipend OR Substitute Coverage (3 days)**	**60**	$**300**	**18,000**
			$	
			$	
			$	
	Total for Other Allowable Expenditures			$**22,500**
	TOTAL FOR PROJECT			$**190,800**

(Return with APPLICATION)

Budget Narrative:

(Funding will go to cover costs associated with:
Be specific on expected use of funds)

PROJECT TIMELINE: (Reminder 1 invoice per month to Dr. Stephen King & Joyce Broils)

Time:	Activity:
September, 2023	Finalize Budget and Submit Signed Contract Assurances Form Finish recruiting teacher participants for 60 training slots. Determine training dates based on teacher preference for Cadre 1 (whether 3 days spread during 23-24 school year or both cadres right after school is out) so that both trainings are completed by June 15, 2024). Schedule Kansas Workforce One and other supports for cadre dates.
October, 2023	Order Kits for Cadre 1 (approximately 30 participants) Begin facilitator planning.
March, 2024	Order Kits for early June Cadre 2 (approximately 30 participants)
June week 1 or 2, 2024	Hold June Cadre 2 then get remaining funds drawn down in June so that grant closeout can happen by June 30, 2024. Make sure that prepaid mentoring is scheduled to occur during 24-25 so all participants are well-supported.
Before August 31, 2024 and then recheck in 24-25 after participants have Implemented their CS Course or courses.	Be sure to report number of teachers prepared, number of students reached, number and percent of students reached disaggregated by gender, race, ethnicity and socioeconomic status, and number of teachers and school districts that implemented computer science courses versus the number of prepared teachers that attended professional learning.

A. Participant Tuition:
ESSDACK arranges for nationally accredited, graduate college credit with MidAmerica Nazarene University (MNU) (our ongoing college credit provider) at the cost of $90 per credit hour since MNU assumes ESSDACK will provide the trainers, hosting site, etc. other than MNU's cost to just process the college credit. MNU will provide computer science credit for two credits that are grant funded. Then, participants choosing to do additional college credit on their own as they address more levels of professional development (all the way to the IMPACT level would allow participants to acquire up to two more graduate computer science credits).
$90 per credit hour x 2 credits included in the grant funding x 60 participants = $10,800

B. Participant Computer Science 3-Day Workshop Fee:
ESSDACK will have three trainers/specialists facilitating this hands-on computer science Training for two 3-day training cadres at ESSDACK, provide the training hosting space
$175 per day x 3 days x 60 participants = $31,500

C. Participant Recruiting, Trainer Planning, and Teacher Participant Assistance Outside Of Workshop or Mentoring Dates:
20 days (spread between three facilitators, 10 days for main trainer and 10 days split between the other two trainers) @ $300/day = $6,000

D. Prepaid 24-25 Follow-up Mentoring Sessions (5 per participant):
60 participants x ($100 per session x 5) = $30,000

E. Arduino Super Starter Kits, Programmable Robotic Car with Stepper Motor, and Raspberry Pi Complete with Stepper Motor: (price checked 8/8/2023 might have to reduce quantity per participant if prices increase before ordering can occur)

Kits:

ELEGOO UNO Project Super Starter Kit with tutorial and UNO R3 Compatible with Arduino IDE (EL-KIT-001) @ $59.99

ELEGOO UNO R3 Line Tracking Module Ultrasonic Sensor IR Remote Control etc. Intelligent and Educational Toy Car Robotic @ $79.99 (List Price)

HiLetgo 4 pcs L298N Motor Driver Controller Board Module Stepper Motor DC Dual H-Bridge for Arduino Smart Car Power UNO MEGA R3 Mega 2560 @ $11.49

Vilros Raspberry Pi 4 Complete – Includes Cooled Case, 64GB Micro SD Card and More @ $129.99 (List Price)

HiLetgo 5pcs ULN2003 28BYJ-48 4-Phase Stepper Motor with 5V Drive Board for Arduino PI PIC Raspberry Pi @ $14.59

COST PER SET (5 items) = $296.05 so $300 x 60 participants x 5 sets = $90,000

F. Curriculum Printing and Ring Binder Costs for Participants to Use for 24-25 and Beyond:

The accompanying research and evidence-based effectiveness usage of Arduino hands on-project instruction resources (open source) to teach computer science course RESOURCE BINDER being provided to all 60 teacher participants along with follow-up mentoring will also address all of the learning standards listed for the AP Computer Science Principles course. The AP Computer Science Principles course addresses all five elements of the Kansas Computer Science Standards (according to Stephen King at KSDE). There will be color diagrams on some of the pages in order to help participants utilize them during the training and afterwards with their students. An electronic copy of the binder contents will be also provided to each training participant to facilitate implementation. Many teachers like to have a hard copy that they can put sticky notes on as they progress through the training. 60 copies x $75 per compiled binder = $4,500

G. Participant Stipend or Substitute Coverage (3 days):

$100 per day for the district to utilize for sub coverage if training is taken during the school year OR an equivalent participant stipend of $100 per day if taken in early June of 2024 x 3 days = $300 x 60 participants = $18,000

TOTAL BUDGET FUNDING REQUESTED: $190,800 (which equates to $3,180 per participant)

FY 2024 HB 2466 GRANT APPLICATION
SUPPORTING CS PROFESSIONAL DEVELOPMENT

Promoting Advancement in Computing Knowledge Act

(Complete and return with FINAL REPORT)

Budgeted Items		Number of Items	Item Amount	Total Amount
			$	$
			$	$
			$	$
			$	$
			$	$
Total for Professional Development				$
			$	$
			$	$
			$	$
			$	$
			$	$
Total for Equipment				$
			$	
			$	
			$	
			$	
			$	
Total for Travel				$
			$	
			$	
			$	
			$	
			$	
Total for Other Allowable Expenditures				$
TOTAL FOR PROJECT				$

(Return with FINAL REPORT)

Budget Narrative:

State of Kansas
Department of Administration DA-146a
(Rev. 07-19)

CONTRACTUAL PROVISIONS ATTACHMENT

Important: This form contains mandatory contract provisions and must be attached to or incorporated in all copies of any contractual agreement. If it is attached to the vendor/contractor's standard contract form, then that form must be altered to contain the following provision:
The Provisions found in Contractual Provisions Attachment (Form DA-146a, Rev. 07-19), which is attached hereto, are hereby incorporated in this contract and made a part thereof.

The parties agree that the following provisions are hereby incorporated into the contract to which it is attached and made a part thereof, said contract being the ____ day of _____, 20____.

1. Terms Herein Controlling Provisions: It is expressly agreed that the terms of each and every provision in this attachment shall prevail and control over the terms of any other conflicting provision in any other document relating to and a part of the contract in which this attachment is incorporated. Any terms that conflict or could be interpreted to conflict with this attachment are nullified.

2. Kansas Law and Venue: This contract shall be subject to, governed by, and construed according to the laws of the State of Kansas, and jurisdiction and venue of any suit in connection with this contract shall reside only in courts located in the State of Kansas.

3. Termination Due To Lack Of Funding Appropriation: If, in the judgment of the Director of Accounts and Reports, Department of Administration, sufficient funds are not appropriated to continue the function performed in this agreement and for the payment of the charges hereunder, State may terminate this agreement at the end of its current fiscal year. State agrees to give written notice of termination to contractor at least 30 days prior to the end of its current fiscal year, and shall give such notice for a greater period prior to the end of such fiscal year as may be provided in this contract, except that such notice shall not be required prior to 90 days before the end of such fiscal year. Contractor shall have the right, at the end of such fiscal year, to take possession of any equipment provided State under the contract. State will pay to the contractor all regular contractual payments incurred through the end of such fiscal year, plus contractual charges incidental to the return of any such equipment. Upon termination of the agreement by State, title to any such equipment shall revert to contractor at the end of the State's current fiscal year. The termination of the contract pursuant to this paragraph shall not cause any penalty to be charged to the agency or the contractor.

3. Disclaimer Of Liability: No provision of this contract will be given effect that attempts to require the State of Kansas or its agencies to defend, hold harmless, or indemnify any contractor or third party for any acts or omissions. The liability of the State of Kansas is defined under the Kansas Tort Claims Act (K.S.A. 75-6101 *et seq.).*

4. Anti-Discrimination Clause: The contractor agrees: (a) to comply with the Kansas Act Against Discrimination (K.S.A. 44-1001 *et seq.)* and the Kansas Age Discrimination in Employment Act (K.S.A. 44-1111 *et seq.)* and the applicable provisions of the Americans With Disabilities Act (42 U.S.C. 12101 *et seq.)* (ADA) and Kansas Executive Order No. 19-02, and to not discriminate against any person because of race, color, gender, sexual orientation, gender identity or expression, religion, national origin, ancestry, age, military or veteran status, disability status, marital or family status, genetic information, or political affiliation that is unrelated to the person's ability to reasonably perform the duties of a particular job or position; (b) to include in all solicitations or advertisements for employees, the phrase "equal opportunity employer"; (c) to comply with the reporting requirements set out at K.S.A. 44-1031 and K.S.A. 44-1116; (d) to include those provisions in every subcontract or purchase order so that they are binding upon such subcontractor or vendor; (e) that a failure to comply with the reporting requirements of (c) above or if the contractor is found guilty of any violation of such acts by the Kansas Human Rights Commission, such violation shall constitute a breach of contract and the contract may be cancelled, terminated or suspended, in whole or in part, by the contracting state agency or the Kansas Department of Administration; (f) Contractor agrees to comply with all applicable state and federal antidiscrimination laws and regulations;.(g) Contractor agrees all hiring must be on the basis of individual merit and qualifications, and discrimination or harassment of persons for the reasons stated above is prohibited; and (h) if is determined that the contractor has violated the provisions of any portion of this paragraph, such violation shall constitute a breach of contract and the contract may be canceled, terminated, or suspended, in whole or in part, by the contracting state agency or the Kansas Department of Administration.

6. Acceptance Of Contract: This contract shall not be considered accepted, approved or otherwise effective until the statutorily required approvals and certifications have been given.

7. Arbitration, Damages, Warranties: Notwithstanding any language to the contrary, no interpretation of this contract shall find that the State or its agencies have agreed to binding arbitration, or the payment of damages or penalties. Further, the State of Kansas and its agencies do not agree to pay attorney fees, costs, or late payment charges beyond those available under the Kansas Prompt Payment Act (K.S.A. 75-6403), and no provision will be given effect that attempts to exclude, modify, disclaim or otherwise attempt to limit any damages available to the State of Kansas or its agencies at law, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

8. Representative's Authority to Contract: By signing this contract, the representative of the contractor thereby represents that such person is duly authorized by the contractor to execute this contract on behalf of the contractor and that the contractor agrees to be bound by the provisions thereof.

9. Responsibility for Taxes: The State of Kansas and its agencies shall not be responsible for, nor indemnify a contractor for, any federal, state or local taxes which may be imposed or levied upon the subject matter of this contract.

10. Insurance: The State of Kansas and its agencies shall not be required to purchase any insurance against loss or damage to property or any other subject matter relating to this contract, nor shall this contract require them to establish a "self-insurance" fund to protect against any such loss or damage. Subject to the provisions of the Kansas Tort Claims Act (K.S.A. 75-6101 *et seq.*), the contractor shall bear the risk of any loss or damage to any property in which the contractor holds title.

11. Information: No provision of this contract shall be construed as limiting the Legislative Division of Post Audit from having access to information pursuant to K.S.A. 46-1101 *et seq.*

12. The Eleventh Amendment: "The Eleventh Amendment is an inherent and incumbent protection with the State of Kansas and need not be reserved, but prudence requires the State to reiterate that nothing related to this contract shall be deemed a waiver of the Eleventh Amendment."

13. Campaign Contributions / Lobbying: Funds provided through a grant award or contract shall not be given or received in exchange for the making of a campaign contribution. No part of the funds provided through this contract shall be used to influence or attempt to influence an officer or employee of any State of Kansas agency or a member of the Legislature regarding any pending legislation or the awarding, extension, continuation, renewal, amendment or modification of any government contract, grant, loan, or cooperative agreement.

- To assure all records shall be subject at all reasonable times to inspection, review, or audit by State personnel and other personnel duly authorized by KSDE. The award recipient assures that all financial records, supporting documentation, statistical records and all other records pertinent to the grant award shall be retained by the award recipient for at least five years following the end of the grant project period.
- If the activities described in the grant application have not commenced within 60 days after acceptance of the grant award, the award recipient shall report in writing the steps taken to initiate the grant project, the reasons for delay and the expected starting date. If the activities have not commenced within 30 days of receipt of the above letter, the award recipient shall submit to CTE a further statement in writing regarding the delay. Upon receipt of the second letter, KSDE may terminate the grant, and the award recipient shall return to KSDE all unused grant funds with a complete accounting of all expenditures.
- KSDE reserves the right to terminate any grant award and cease payment to the award recipient for failure to comply with applicable laws, regulations, and/or terms of the grant assurances. Further, KSDE may seek reimbursement of any or all grant funds and may reclaim durable goods purchased with these grant funds if the award recipient fails to perform in accordance with the terms of the grant assurances and reporting requirements.

Name of Organization

assures the Kansas State Department of Education of its intent to comply with the assurances and contractual agreements as outlined in this document. Further, we are willing to explain, in writing, how we intend to comply with each of these assurances and agreements.

Name or Signature of Authorized Administrator Title Date

_____Address *(Street, City, State, Zip Code)*

Substitute for HOUSE BILL No. 2466

AN ACT concerning education; relating to school districts; enacting the promoting advancement in computing knowledge act; relating to computer science courses of instruction in secondary schools; establishing the computer science educator program; authorizing scholarship awards to licensed and preservice teachers taking computer science courses; relating to career and technical education courses and credentialing; requiring the state department of education to survey career and technical education programs in public high schools; establishing a career technical education credentialing and student transitioning to employment success pilot program in school year 2022-2023; requiring a report on the pilot program; exempting national assessment providers from the student online personal protection act; amending K.S.A. 72-6332 and repealing the existing section.

Be it enacted by the Legislature of the State of Kansas:

New Section 1. The provisions of sections 1 through 4, and amendments thereto, shall be known and may be cited as the promoting advancement in computing knowledge act.

New Sec. 2. As used in the promoting advancement in computing knowledge act:

(a) "Computer science" means the study of computers and algorithmic processes, including principles, hardware and software designs, implementation and impact on society.

(b) "Computer science course" means any standalone computer science course of instruction that teaches the content in the Kansas model standards for computer science.

(c) "High-quality professional learning" means professional development activities that:

(1) Clarify the conceptual foundations of computer science;

(2) teach research-based practices, including hands-on and inquiry-based learning; and

(3) are intended for existing teachers with or without prior computer science experience.

(d) "High-quality professional learning providers" means any school district, school district interlocal cooperative, school district cooperative, institution of higher education, nonprofit organization or private entity that:

(1) Has successfully designed, implemented and scaled high-quality professional learning for teachers; and

(2) is approved or recommended by the state board of education as providing high-quality professional learning.

New Sec. 3. (a) Beginning in the 2023-2024 school year, each secondary school operated by a school district shall offer at least one computer science course or a school district shall submit a plan to the state board of education describing how such district intends to offer such course and the school year such course will first be offered.

(b) A computer science course offered pursuant to this section shall:

(1) Be high quality;

(2) meet or exceed the Kansas model standards for computer science established by the state board of education; and

(3) be made available in a traditional classroom setting, blended learning environment, online-based or other technology-based format that is tailored to meet the needs of each secondary school and each participating student.

(c) (1) On or before January 15, 2023, and each January 15 thereafter, the state board shall prepare and submit a report to the governor and the legislature on the progress made pursuant to this act. Such report shall include for the immediately preceding school year:

(A) The number of secondary schools that offered at least one computer science course;

(B) the number of high-quality professional learning providers that received grants pursuant to section 4, and amendments thereto;

(C) the number of teachers prepared by high-quality professional learning providers;

(D) the number of teachers teaching computer science courses as compared to the number of teachers prepared by high-quality professional learning providers; and

(E) the number of students reached, including the number and percentage of such students disaggregated by gender, race, ethnicity and socioeconomic status, by high-quality professional learning providers.

(2) The provisions of this subsection shall expire on July 1, 2025.

New Sec. 4. (a) Subject to appropriations therefor, the state board of education may award grants to high-quality professional learning providers to develop and implement teacher professional development programs for the computer science courses required to be taught pursuant to section 3, and amendments thereto.

(b) Grants awarded pursuant to this section may be used for the following purposes:

(1) Providing high-quality professional learning;

(2) credentialing for computer science teachers, including, but not limited to, reimbursement to teachers or providers for professional learning, exam fees or college coursework;

(3) supporting computer science professional learning, including mentoring and coaching;

(4) creating resources to support implementation of this act;

(5) student recruitment; and

(6) the development of teacher preparation programs.

(c) As a condition of receiving a grant pursuant to this section, a high-quality professional learning provider shall submit an application to the state department of education on a form and in a manner determined by the state department of education. The application shall, at a minimum, address how the provider will:

(1) Recruit new and existing teachers with little to no computer science background;

(2) use research-based or evidence-based practices for high-quality professional development;

(3) focus the professional learning on the conceptual foundations of computer science;

(4) reach and support marginalized racial and ethnic groups underrepresented in computer science;

(5) provide teachers with concrete experience with hands-on, inquiry-based practices;

(6) accommodate both teacher and student needs; and

(7) ensure that participating districts shall begin offering a computer science course within the same or next school year after the teacher receives the professional learning.

(d) The state board of education shall prioritize the following applications:

(1) School districts that work in partnership with providers of high-quality professional learning;

(2) proposals that describe strategies to enroll female students, students from marginalized racial and ethnic groups underrepresented in computer science, students eligible for free and reduced-price meals, students with disabilities and English language learners; and

(3) proposals from rural or urban areas that experience difficulties providing computer science offerings.

(e) Each high-quality professional learning provider that receives a grant pursuant to this section shall annually report to the state board of education:

(1) The number of teachers prepared;

(2) the number of students reached;

(3) the number and percent of students reached disaggregated by gender, race, ethnicity and socioeconomic status; and

(4) the number of teachers and school districts that implemented computer science courses versus the number of prepared teachers that attended professional learning.

New Sec. 5. (a) There is hereby established the computer science educator program to promote the advancement of computer science licensed and preservice teacher preparation in Kansas.

(b) Subject to appropriations therefor, the state board of regents

may award scholarships to licensed and preservice teachers who:

(1) Are enrolled in a course of instruction offered by a postsecondary educational institution that:

(A) For licensed teachers, is for additional postsecondary credit; or

(B) for preservice teachers, is leading to licensure as a teacher; and

(2) have completed one course in computer science during such enrollment.

(c) Scholarships awarded under the program shall be in an amount not to exceed $1,000 for each scholarship recipient. The state board of regents shall prioritize scholarship awards for applicants who:

(1) Are from underrepresented socioeconomic demographic groups; or

(2) agree to teach computer science in rural schools and schools with higher percentages of students from underrepresented socioeconomic demographic groups.

(d) The state board of regents may coordinate with postsecondary educational institutions to support eligible preservice education programs at such institutions with the development and implementation of pathways in computer science education to help preservice teachers obtain a certification to teach computer science education within their intended major and area of certification.

(e) The state board of regents shall adopt rules and regulations necessary to implement and administer the computer science educator program, including, but not limited to, requirements for scholarship eligibility and applications for such scholarships.

(f) As used in this section, the term "postsecondary educational institution" means any state educational institution, community college or not-for-profit institution of postsecondary education. A not-for-profit institution of postsecondary education shall have its main campus or principal place of operation in Kansas, be operated independently and not controlled or administered by any state agency or subdivision of the state, maintain open enrollment and be accredited by a nationally recognized accrediting agency for higher education in the United States.

New Sec. 6. (a) To determine the needs for secondary career technical education credentialing and student transitioning to employment success, the state department of education shall conduct a survey of the scope of high-value credential courses and standard career and technical education courses offered for students enrolled in each public high school. The survey shall determine the following:

(1) The career and technical education pathway courses offered for high school credit;

(2) the concurrent enrollment partnership and dual enrollment courses offered for high school and college credit;

(3) the concurrent enrollment partnership or dual enrollment courses that are offered by the high school and community college or technical college;

(4) the career and technical education courses that are offered by the high school that will not lead to credentialing;

(5) the number of students with documented accommodations who are not enrolled in a gifted program;

(6) the first-time pass rate of students who have earned approved standard career and technical education credentials in the prior three years;

(7) the first-time pass rate of students that have earned approved high-value credentials in the prior three years;

(8) the credentials earned in the prior three years and the number of students who earned such credentials; and

(9) the amount paid by the school district for students to take credential exams.

(b) The state department of education shall compile the results of the survey and shall report such results to the house standing committee

on education and the senate standing committee on education on or before January 16, 2023.

New Sec. 7. (a) On or before July 31, 2023, and each July 31 thereafter, the state board of education shall review and approve a list of high-value industry-recognized credentials and a list of standard industry-recognized credentials.

(b) Such lists shall be prepared by a committee established by the state board of education that includes representatives from the association of community college trustees, the Kansas technical education authority, the Kansas technical college association and the Kansas association of school boards.

New Sec. 8. The state board of education shall establish a secondary career technical education credentialing and student transitioning to employment success pilot program for the 2022-2023 school year for high school students with documented accommodations, other than enrollment in a gifted program, who are enrolled in participating high schools that are served by the Washburn institute of technology service area. Such pilot program shall provide the following stipends and reimbursements to the following educational entities:

(a) The Washburn institute of technology, as defined in K.S.A. 74-3201b, and amendments thereto, shall receive a $20,000 stipend for additional counseling services for participating students and additional coordination services with participating high schools;

(b) each participating high school within the Washburn institute of technology service area shall receive a $500 stipend for additional student counseling services and coordination with the Washburn institute of technology; and

(c) each participating high school within the Washburn institute of technology service area shall be reimbursed for the total cost of the assessment for any participating student that takes a credential assessment.

New Sec. 9. A preliminary report from participating school districts and representatives from the Washburn institute of technology shall be presented to the house standing committee on education and the senate standing committee on education on or before February 1, 2023. Such report shall include, but not be limited to, the career technical areas of study pursued, accommodations required for student participation, unanticipated obstacles for course enrollment or completion, barriers for student participation and future funding needs. Such report shall serve as the foundation for determining whether to expand the pilot program to other regions of the state, the amount of funding required to expand the pilot program and how to address barriers that impact student participation.

Sec. 10. K.S.A. 72-6332 is hereby amended to read as follows: 72-6332. As used in K.S.A. 72-6331 through 72-6334, and amendments thereto:

(a) "Educational purposes" means purposes that are directed by an employee or agent of a school district, that customarily take place at an attendance center operated by a school district or that aid in the administration of school activities, including, but not limited to, instruction in the classroom or at home, administrative activities and collaboration between students, school personnel or parents, or which are otherwise for the use and benefit of the school district.

(b) "Interactive computer service" means any service, system or software provider that provides or enables multiple users access to a computer server, including a service or system that provides access to the internet and systems or services offered by libraries or educational institutions.

(c) "Educational online product" means an internet website, online service, online application or mobile application that is used primarily, and was designed and marketed for, educational purposes.

(d) *(1)* "Operator" means, to the extent it is operating in this capacity, the operator of an educational online product with actual

knowledge that the educational online product is used primarily for educational purposes and was designed and marketed for educational purposes. ~~For the purposes of this act,~~

(2) The term "operator"~~ shall not be construed to~~ *does not* include*:*

(A) Any school district or school district employee acting on behalf of a school district employer*; or*

(B) any national assessment provider that is administering a college and career readiness assessment.

(e) "Personally identifiable information" means information that personally identifies an individual student or that is linked to information that personally identifies an individual student, including, but not limited to: (1) Information in the student's educational record or electronic mail; (2) first and last name; (3) home address; (4) telephone number; (5) electronic mail address; (6) any other information that allows physical or online contact with the student; (7) discipline records; (8) test results; (9) data that is a part of or related to any individualized education program for such student; (10) juvenile dependency records; (11) grades; (12) evaluations; (13) criminal records; (14) medical records; (15) health records; (16) social security number; (17) biometric information; (18) disabilities; (19) socioeconomic information; (20) food purchases; (21) political affiliations; (22) religious information; (23) text messages; (24) documents; (25) student identifiers; (26) search activity; (27) photos; (28) voice recordings; or (29) geolocation information.

(f) "School district" means any unified school district organized and operating under the laws of this state.

(g) "Service provider" means a person or entity that provides a service to an operator, or provides a service that enables users to access content, information, electronic mail or other services offered over the internet or a computer network.

(h) "Student information" means personally identifiable information or material in any media or format that is not otherwise available to the public and was:

(1) Created by an operator in the course of the use of the operator's educational online product for educational purposes;

(2) provided to an operator by a student, or the student's parent or legal guardian, in the course of the use of the operator's educational online product for educational purposes;

(3) created by an operator as a result of the activities of an employee or agent of a school district;

(4) provided to an operator by an employee or agent of a school district for educational purposes; or

(5) gathered by an operator through the operation of such operator's educational online product for educational purposes.

(i) "Targeted advertising" means presenting an advertisement to a student where the advertisement is selected based on information obtained or inferred over time from that student's online behavior, usage of online applications or student information. Targeted advertising does not include advertising to a student at an online location based upon that student's current visit to that location, or in response to that student's request for information or feedback, without the retention of that student's online activities or requests over time for the purpose of targeting subsequent~~ ads~~ *advertisements*.

Sec. 11. K.S.A. 72-6332 is hereby repealed.

Sec. 12. This act shall take effect and be in force from and after its publication in the statute book.

I hereby certify that the above BILL originated in the HOUSE, and was adopted by that body

_____

HOUSE adopted
Conference Committee Report_____

_____
Speaker of the House.

_____
Chief Clerk of the House.

Passed the SENATE
as amended _____

SENATE adopted
Conference Committee Report_____

_____
President of the Senate.

_____
Secretary of the Senate.

APPROVED _____

_____
Governor.

REQUEST AND RECOMMENDATION FOR BOARD ACTION

Agenda Number: 8 f.

Staff Initiating:	Director:	Commissioner:	Meeting Date: 10/11/2023
Doug Boline	Bert Moore	Randy Watson	

Item Title:

Act on Education Flexibility Partnership Waiver

Recommended Motion:

It is moved that the Kansas State Board of Education approve the one-year Education Flexibility Partnership (Ed-Flex) waiver request for USD 315 Colby Public Schools, allowing them to exceed the 15 percent Title I carryover limitation of once every three years.

Explanation of Situation Requiring Action:

Kansas has the authority under the Education Flexibility Partnership Act of 1999, as amended by the Elementary and Secondary Education Act (ESEA), to waive certain federal requirements. USD 315 Colby Public Schools is seeking an Ed-Flex waiver of Title I Part A Section 1127(b) of ESEA, which prevents them from exceeding the 15 percent Title I carryover of funds limitation more than once every three years

REQUEST AND RECOMMENDATION FOR BOARD ACTION

Agenda Number: **8 g.**

Staff Initiating:	**Director:**	**Commissioner:**	**Meeting Date:**	**10/11/2023**
Jenni Marlatt	Kathi Grossenbacher	Randy Watson		

Item Title:

Act on request with vendor for KSDE Data Center co-location.

Recommended Motion:

It is moved that the Kansas State Board of Education will continue co-location of KSDE's disaster recovery service with the USD 501, Topeka.

Explanation of Situation Requiring Action:

The USD 501 data center environment will continue to include the following: environmentally controlled and physically secured space for KSDE equipment, back-up generator power, and network connectivity for KSDE at the co-location site. The amount of the contract is not to exceed $12,000.00 over the five years. ($2,400.00 per year.) The duration of the contract will be May 9, 2024, through May 8, 2029.

REQUEST AND RECOMMENDATION FOR BOARD ACTION

Agenda Number: **8 h.**

Staff Initiating:	**Director:**	**Commissioner:**	**Meeting Date:**	**10/11/2023**
Jenni Marlatt	Kathi Grossenbacher	Randy Watson		

Item Title:

Act on request to increase eScholar, LLC original payment by $1,511,44.

Recommended Motion:

It is moved that the Kansas State Board of Education authorize an increase of $1,511.44 to cover the multiple variable cost from the original contract dated 6/15/2022 to 06/14/2025.

Explanation of Situation Requiring Action:

KSDE has contracted with eScholar for its unique id management platform to assign and manage state student ids and licensed educators in Kansas. This software has been utilized for over 15 years. KSDE is seeking approval to increase the previously approved prior authorization from $247,000 to $248,511.44 (an increase of $1,511.44). There are multiple variables included in the cost of the eScholar software (license renewal, maintenance and support and any changes to the Consumer Price Index which KSDE and eScholar have no control over) which resulted in an underestimation of cost over the 3-year period.