

Why Art Education is Essential

Kansas Art Education Association's Presentation on Graduation Requirements



Elizabeth Madden



President of the Kansas Art
Education Association

18 Years Experience in Art Education

- 18 years at Sterling Grade School
USD 376
- 8 years Chase Grade School and
Raymond Jr. High USD 401



Katie Morris



Board Member of the Kansas Art
Education Association

13 Years Experience in Art
Education

- 7 years K-12 at Jackson Heights USD 335
- 6 years K-6 Auburn-Washburn USD 437



Who We Are

Mission Statement

The Kansas Art Education Association is dedicated to the advancement of human and cultural understanding through the study of art by providing opportunities for professional growth and development, exchange of knowledge and ideas, and service and leadership for the advancement of quality art education.

The **Kansas Art Education Association** represents over 300 art educators in our membership and advocates on behalf of all Kansas art educators.



The Arts Are Essential



Art is a nation's most precious heritage. For it is in our works of art that we reveal to ourselves and to others the inner vision which guides us as a nation. And where there is no vision, the people perish.

— *Lyndon B. Johnson* —

AZ QUOTES

The visual arts are an essential part of a well-rounded education, basic to the education of ***all*** students.

Goals for Today

WHY ART IS ESSENTIAL TO A WELL ROUNDED EDUCATION

HOW ART DEVELOPS 21ST CENTURY SKILLS

HOW ART DEVELOPS SOFT SKILLS

THE IMPORTANT ROLE OF ART IN COMMUNICATION

THE SOCIAL-EMOTIONAL BENEFITS OF ART

THE PURPOSE OF ART EDUCATION

HOW ART DEVELOPS 21ST CENTURY SKILLS

THE IMPACT OF ART EDUCATION

HOW ART SKILLS BENEFIT ALL CAREERS

THE FINANCIAL BENEFITS OF ART IN KANSAS

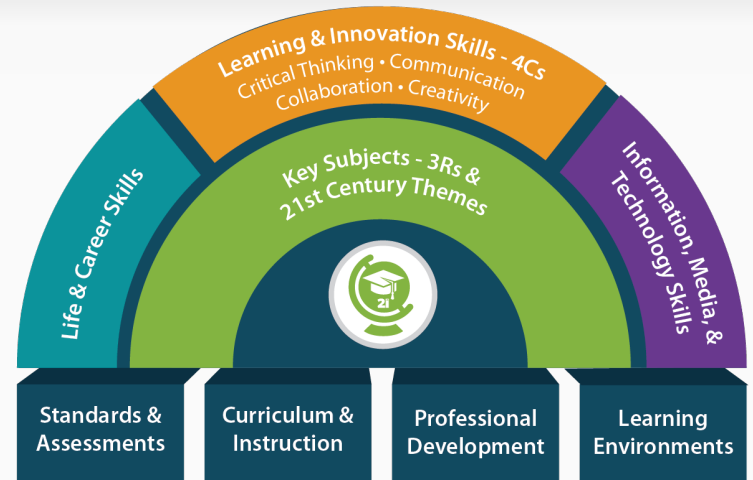
The 4 C's

Visual arts education provides every student opportunities to develop the essential 21st century learning skills of communication, collaboration, creativity, critical thinking and problem solving.

From the Partnership for 21st Century Learning:

Learning and innovation skills are what separate students who are prepared for increasingly complex life and work environments in today's world and those who are not. These skills include:

- Creativity and Innovation
- Critical Thinking and Problem Solving
- Communication
- Collaboration



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https://static.battelleforkids.org/documents/p21/P21_Framework_Brief.pdf

“Soft skills get little
respect but will
make or break your
career.”

-Peggy Klaus

“Soft Skills”

The fine arts are designed to build qualities like individuality and “soft skills” such as

- communication
- cultural awareness
- social awareness
- the ability to cooperate and work as a team
- the ability to identify and solve unique problems

...and to help students grow emotionally and intellectually in ways other courses are not.



Visual Art = Communication

The practice of Visual Art is literally prehistoric.

Art is a form of communication older than written language.

Pictured: Chauvet Cave, Ardèche, France. Dated to: 30,000 to 28,000 B.C.



Art = Communication

This artwork was created by a student at Jackson Heights High School. The visual information along with the student's artist statement helped him communicate his ideas to others.

The student in the photograph spent several minutes contemplating the artwork when on display at the Kansas Youth Art Month exhibition.



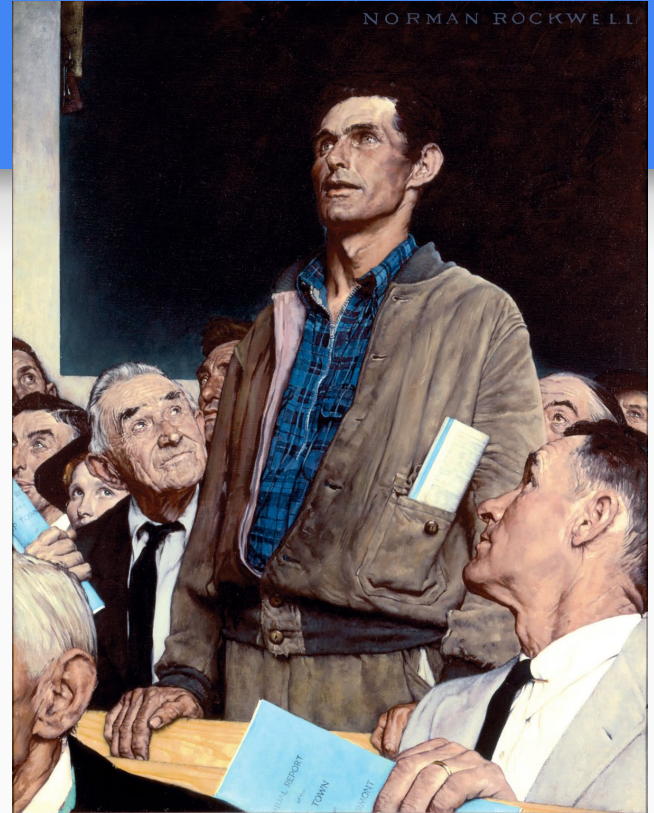
Visual Art Helps Us Understand Complex Ideas

In 1941 President Franklin D. Roosevelt outlined the Four Freedoms in his annual message to Congress.

Freedom of Speech, Freedom From Want, Freedom From Fear, Freedom of Worship

Roosevelt saw the Four Freedoms as both a national ideal and one that was needed “everywhere in the world.” Despite attempts by FDR and government agencies, the ideas failed to catch public attention.

In 1942, the White House turned to artists to solve this problem. Norman Rockwell took on the challenge and created a series of 4 paintings which were published in the Saturday Evening Post and helped to finally get the ideas of the Four Freedoms into the public eye.



<https://www.nrm.org/2012/01/norman-rockwells-four-freedoms/>

<https://rockwellfourfreedoms.org/about-the-exhibit/fdrs-four-freedoms/>

Visual Literacy

The basic definition of visual literacy is the ability to read, write and create visual images. It is a concept that relates to art and design but it also has much wider applications. **Visual literacy is about language, communication and interaction.** Visual media is a linguistic tool with which we communicate, exchange ideas and navigate our complex world.

The importance of the visual culture to contemporary life makes it imperative that education includes learning to make meaning of multi -faceted visual information and experiences.

<https://visualliteracytoday.org/what-is-visual-literacy/#:~:text=The%20basic%20definition%20of%20visual,about%20language%2C%20communication%20and%20interaction>
<https://www.arteducators.org/advocacy-policy/articles/519-naea-position-statement-on-graduation-requirements-in-the-visual-arts>



Jeff West Art



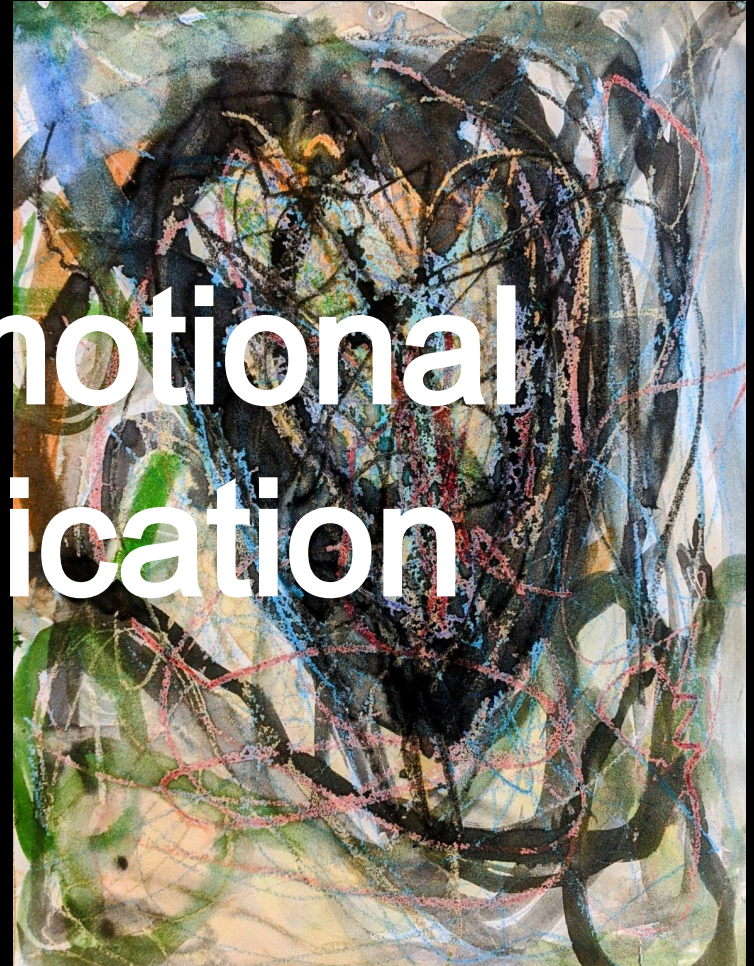
**72% OF
AMERICANS
BELIEVE THE
ARTS UNIFY US
REGARDLESS
OF AGE, RACE
OR ETHNICITY.**



Source: Americans for the Arts



Social-Emotional Communication



Art Helps Kids Connect to School

Students are more likely to engage in healthy behaviors and succeed academically when they feel connected to school.

Research has shown that young people who feel connected to their school are less likely to engage in many risk behaviors and are also more likely to

- have better academic achievement, including higher grades and test scores,
- have better school attendance
- and stay in school longer

<https://www.apa.org/pi/lgbt/programs/safe-supportive/school-connectedness>

**For many students,
art classrooms are
their safe place,
where they feel
most connected to
school.**

Our **Vision**
for **Kansas ...**



Kansas leads the **world** in the
success of each student.

Kansas State Department of Education | www.ksde.org | [#KansasCan](https://twitter.com/KansasCan)

We believe the arts are integral to
student success.

The Purpose of Art Education

Over time the goals of art education have shifted in order to prepare students for society's needs.

- 1800s- Mechanical drawing, copied patterns because draftspeople needed
- 1930s- Drafting, etc to prepare students for trades
- 1950s- Developing creative thinking to compete in space race
- 1980s- Discipline Based Art Education emphasized criticism, aesthetics, and art history in addition to production

In 2014 The National Visual Arts Standards were updated to reflect today's needs with the philosophical foundations of the arts as communication, creative personal realization, cultural/history connectors, a means to well-being, and community engagement.

<https://www.nationalartsstandards.org/>

https://www.nationalartsstandards.org/sites/default/files/NCCAS%20PhilosophicalFoundations%20-%20Lifelong%20Goals_0.pdf

NATIONAL CORE ARTS STANDARDS Dance, Media Arts, Music, Theatre And Visual Arts

What Are The Standards?

- Creating**
 - Anchor Standard #1. Generate and conceptualize artistic ideas and work.
 - Anchor Standard #2. Organize and develop artistic ideas and work.
 - Anchor Standard #3. Refine and complete artistic work.
- Performing/ Presenting/ Producing**
 - Anchor Standard #4. Select, analyze and interpret artistic work for presentation.
 - Anchor Standard #5. Develop and refine artistic techniques and work for presentation.
 - Anchor Standard #6. Convey meaning through the presentation of artistic work.
- Responding**
 - Anchor Standard #7. Perceive and analyze artistic work.
 - Anchor Standard #8. Interpret intent and meaning in artistic work.
 - Anchor Standard #9. Apply criteria to evaluate artistic work.
- Connecting**
 - Anchor Standard #10. Synthesize and relate knowledge and personal experiences to make art.
 - Anchor Standard #11. Relate artistic ideas and works with societal, cultural and historical context to deepen understanding.

New Model Cornerstone Assessments >>
The Status of State Arts Standards Revision >>
A Conceptual Framework >>

Art Courses Can Boost Achievement

- Arts education is associated with lower dropout rates, as well as **better academic outcomes** ;
- Participating in arts programs can predict students' school engagement and persistence toward graduation;
- Taking art courses can help students to develop socioemotional skills valued in social relationships, the workplace, and education settings, such as collaboration and teamwork skills, social tolerance, and self-confidence; and
- Engaging in arts activities fosters students' critical/creative thinking and problem-solving skills (National Dropout Prevention Center/Network at Clemson University, 2017).

<https://www.nsba.org/ASBJ/2020/February/Not-Only-Arts-Sake>



The Arts Support Student Achievement Across Content Areas

The benefits of strong visual arts education are enough to stand on their own.

However...

Critical Evidence: How the Arts
Benefit Student Achievement
<https://files.eric.ed.gov/fulltext/ED529766.pdf>

“Learning experiences in the arts contribute to the development of academic skills, including the areas of reading and language development, and mathematics.”

“Multiple independent studies have shown increased years of enrollment in arts courses are positively correlated with higher SAT verbal and math scores. High school students who take arts classes have higher math and verbal SAT scores than students who take no arts classes.”

Studio Habits of Mind

The Studio Thinking Project, part of Harvard's Graduate School of Education, studied the kinds of habits of mind implicitly and explicitly taught in strong visual arts classes.

Develop Craft (Technique & Studio Practice)

Observe (Looking Closely)

Engage & Persist (Finding Passion & Sticking with It)

Reflect (Question & Explain and Evaluate)

Envision (Imagining & Planning)

Stretch & Explore (Play, Use Mistakes & Discover)

Express (Finding & Showing Meaning)

Understand Art Worlds (Domain & Communities)

These are some of the skills that will serve students no matter what they choose for their future careers.



Creativity & Divergent Thinking

“Creativity can be defined as the ability to generate new and adaptive ideas or novel solutions to problems and it is thus considered as fundamental for human civilization (Sternberg and Lubart, 1999; Takeuchi et al., 2011)..”

Divergent thinking is characterized by the production of many different original solutions – rather than only one”

Arts Courses are a great place to provide students the opportunity for divergent thinking. In many general education courses there is one correct answer for students to find. In visual arts classes, divergent thinking is developed and encouraged.



The Arts
ARE Career
Preparation

Art Careers in Kansas

How many art jobs were held in the state of Kansas in 2019?



45,663

Source: U.S. Bureau of Economic Analysis

Preparing Students for Jobs That Don't Yet Exist

The arts assist in one's development in innovative ways that can provide successes that go beyond the present.

Jobs that can be automated, ARE being automated.

It is likely that a large percentage of our students' future careers do not yet exist.

“Today, the defining skills of the previous era —the ‘left brain’ capabilities that powered the Information Age —are necessary but no longer sufficient. And the capabilities we once disdained or thought frivolous —the ‘right-brain’ qualities of inventiveness, empathy, joyfulness, and meaning —increasingly will determine who flourishes and who flounders.”

—Daniel H. Pink, *A Whole New Mind: Why Right-Brainers Will Rule the Future*

Career Preparation: Art Skills in Demand

Given the research on employment trends and, anticipating that a variety of new career opportunities will emerge over time, that visual arts education is essential to every learner's educational foundation and training for future employment in an increasingly complex and interconnected world.

When surveyed, CEOs identified creativity as the number one trait sought when hiring.

Since learners are future contributors and creative leaders of tomorrow's workforce, this underscores the importance that every learner must have ongoing access to sequential visual arts education throughout their PreK-12 education.



Visual Arts Education is Forward Thinking

Learning in the visual arts benefits all areas of the business, industry, research, and service sectors. In addition, gainful careers in a variety of art, design, and digital-related fields are abundant and comprise a multi-billion-dollar industry in many states and provinces. When considered nationally and globally, the financial impact of the arts is compounded exponentially. Providing visual arts education to all individuals is forward thinking, preparing them for successful employment now and in the future.



<https://www.arteducators.org/advocacy-policy/articles/539-naea-position-statement-on-the-impact-of-visual-arts-workforce-development>

Market Value Assets & Art Standards

ENTREPRENEURIAL EXPERIENCES Students **identify** a compelling **social** or market problem and mobilize resources to **research** and **solve** it. Leveraging input and support from multiple stakeholders, students iteratively **analyze**, **prototype**, **implement**, **reflect** and **adapt potential solutions**. Outputs of MVA-level entrepreneurial experiences include a market and stakeholder **research** summary, a 'business plan' that includes an assessment of costs and benefits associated with **development** or operation of their solution, and feedback from relevant external stakeholders obtained through **exhibition** or 'shark-tank' type pitch opportunities.

Source: Kauffman Foundation https://www.kauffman.org/wp-content/uploads/2021/03/Market_Value_Assets_Definitions_March2021.pdf

Case Study Response



Jocelyn is an honor student who wants to be a doctor. She attends a large, comprehensive high school which is able to offer a wide variety of math and science classes and she benefits from the challenges these classes provide. But Jocelyn's senior year schedule is stacked with catching up on grad requirements like Physical Education and a Fine Arts credit, which she had postponed so she could focus on her passions.

Our goal for Jocelyn: Ensure that her pathway continues to match her interest. Work towards graduating with 15 hours of college credit.

Fictional Jocelyn may feel as though her fine arts credit is holding her back from taking courses that are more pertinent to her future career, however, universities including Ivy League medical schools acknowledge the benefits of arts courses for future doctors.

Art Helps Prepares Future Doctors

The [Yale School of Medicine](#) requires students to spend time in art museums developing their observational skills which helps them become better at diagnosis and improves their bedside manner.

A [Columbia University study](#) indicated that medical students and professionals demonstrated an increased capacity for personal reflection, awareness of personal bias, and tolerance of ambiguity- all skills that can have a tangible effect on patients' diagnoses- after taking part in a six-week art course.

[Pre-dental students](#) are encouraged to take art classes to improve their manual dexterity and eye for details. The tools and processes used are even similar, mirroring drilling for cavities, masking casts of teeth, and sculpting to rebuild smiles.



<https://www.artsy.net/article/artsy-editorial-med-schoools-requiring-art-classes>

Art Helps Develop Manual Dexterity

Roger Kneebone, professor of surgical education at Imperial College, London, says young people have so little experience of craft skills that they struggle with anything practical.

"It is important and an increasingly urgent issue," says Prof Kneebone, who warns medical students might have high academic grades but cannot cut or sew.

"It is a concern of mine and my scientific colleagues that whereas in the past you could make the assumption that students would leave school able to do certain practical things - cutting things out, making things - that is no longer the case," says Prof Kneebone.



The professor, who teaches surgery to medical students, says young people need to have a more rounded education, including creative and artistic subjects, where they learn to use their hands.

<https://www.bbc.com/news/education-46019429#:~:text=A%20professor%20of%20surgery%20says,stitching%20or%20sewing%20up%20patients>

Art Helps Police Officers Learn How to Look

Professional Development conducted in art museums helps members of law enforcement develop their observational skills and improve precision of language.

<https://www.nytimes.com/2016/04/27/arts/design/art-helps-police-officers-learn-to-look.html>



Financial Impact of the Arts in Kansas in 2019

How much do you think the arts and culture sector contributed to the Kansas economy in 2019?

\$4.6 Billion

\$6.9 Billion from

Construction

Source: U.S. Bureau of Economic Analysis

I think people should take art to get outside of your normal day to day thinking, I think if you are willing to do something that may not work then you are becoming more like an artist, art just isn't how you can make a pretty picture it's using your mind and problem solving and creating something that wasn't in the world 'til you made it.

-Felicity, 10th Grade

Art classes aren't just for art majors or people who plan on it being part of their career... It's important and a good idea to take at least one art class in school so that you can learn things you wouldn't otherwise. Also, if you've never tried it before, then how can you decide whether or not you like it?

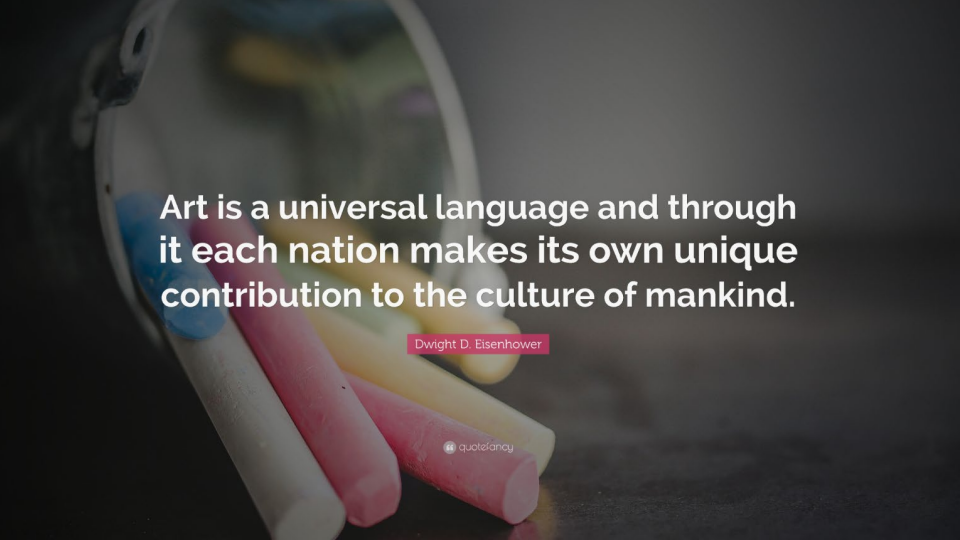
-Clara, 9th Grade

A Well Rounded Education is Important

1 credit in the Fine Arts is currently required for high school graduation

1 credit= only 4.8% of students' academic courses

Providing students a well rounded education prepares them for college, careers, and to be global citizens.



Art is a universal language and through it each nation makes its own unique contribution to the culture of mankind.

Dwight D. Eisenhower

quote fancy

1. Reread Scene 1. What does Liang's father say that tells you how he feels about his son?

When Liang tells his father he wants to marry the princess, his father says, don't be silly Then when Liang tells his father he will get rid of the dragon, his father says, don't be foolish

2. In Scene 1, how does the author use the setting descriptions to tell about the sequence of events?

The first setting tells that they sold french and toys

The second setting tells emperors doted smiyted an

The third setting tells about that wet to three emperors

3. How has Father's opinion of Liang changed by the end of Scene 2?

By the end of Scene 2, Father's opinion has changed because

Before he benent dlove Liang
after he belved them.

3. Work with a partner. Read the passage aloud. Pay attention to accuracy. Stop after one minute. Fill out the chart.

yesterday on the ^{field} field ^{trip} trip
 I ^{saw} saw a ^{snake} snake.
 I ^{saw} saw a ^{some} sum ^{type} tip of a
^{turtle} turtle ^{eat} eat a mouse. I ^{saw} saw
 a ^{dinosaur} dinosaur head. I ^{saw} saw
 a ^{rattle} rattle ^{snake} snake. I ^{felt} felt sand
 from the ^{dig} dig pit. ^{ate} ate
 a ^{cheeseburger} cheeseburger and ^{grapes} grapes
 and a cookie and chips.
 I ^{saw} saw a ^{dinosaur} dinosaur ^{move} move
^{its} its head. We ^{played} played
 fun messenger we
 on a ^{sized} kid side ^{marker} marker
^{board} board, and

2nd grade level
Math Boxes

$\frac{7}{9}$

Lesson 7-7
DATE

1 During the picnic I counted 14 grasshoppers, 16 flies, and 25 ants. How many insects did I count in all?

$$\begin{array}{r} 14 \\ +16 \\ \hline 41 \end{array}$$

Answer: 41 insects

2 Write each number in expanded form.

591 500 + 90 + 1

311 300 + 10 + 1

702 700 + 0 + 2

920 900 + 20 + 0

3 The green snake is 10 cm long. The brown snake is 26 cm long. How much longer is the brown snake than the green snake? Draw a diagram to help.

Green 10

Brown 26

Number model: $26 - 10 = 16$

Answer: 16 cm longer

4 Dan has 20 red blocks and 30 blue blocks. He gives 12 blocks to his sister. How many blocks does he have left?

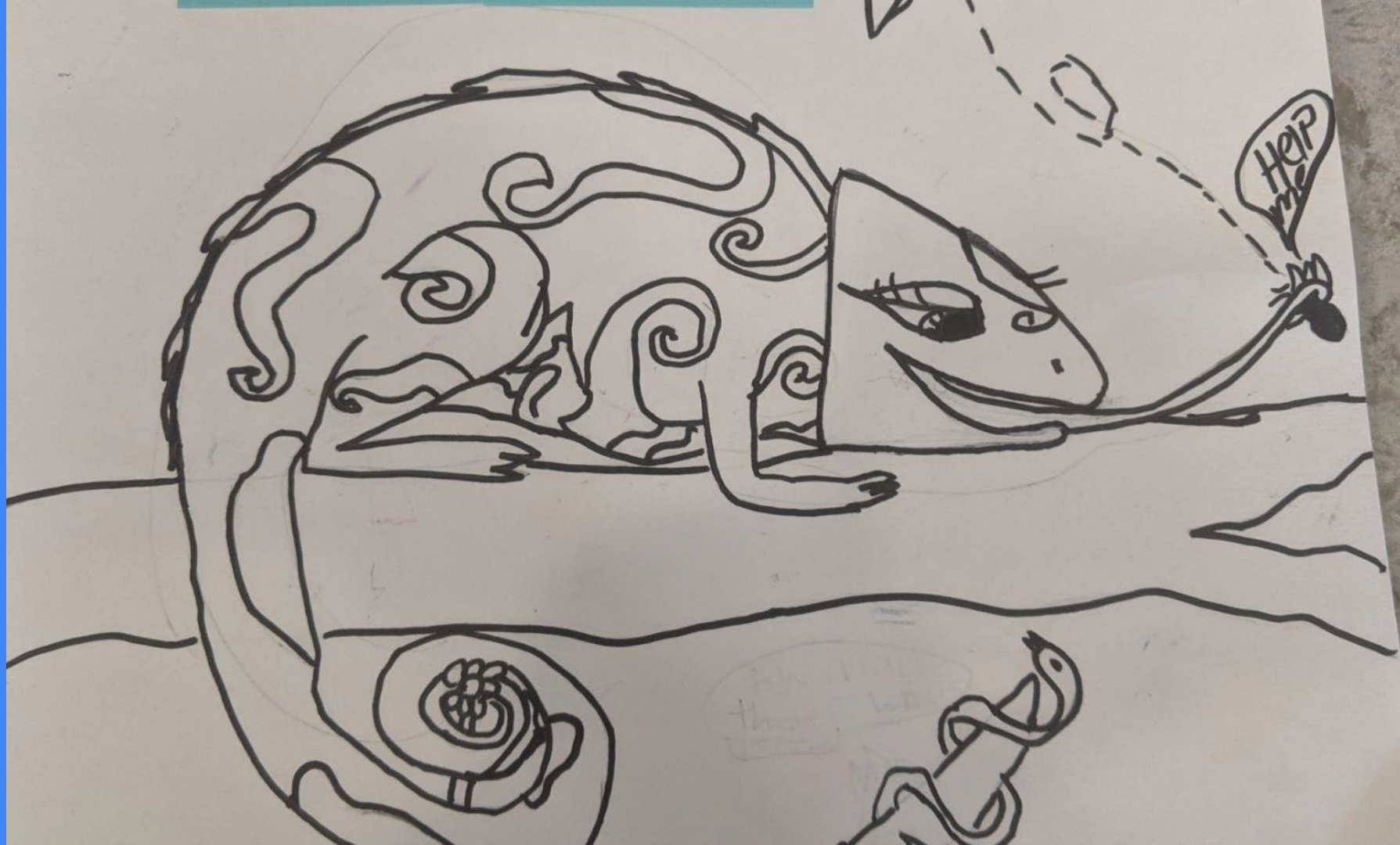
50

-12

+30

Write one or two number models: $20 + 30 = 50$

Dan has 38 blocks left.



KSBE Mission: To prepare Kansas students for lifelong success through rigorous, quality academic instruction, career training, and character development according to each student's gifts and talents.

No people can afford to neglect the creative minds among it. They enrich the life of the Nation. They reveal the farthest horizons of man's possibility. And Government--as representative of all the people--should always play a role in stimulating our people.
~Lindon B. Johnson



Source: <https://www.presidency.ucsb.edu/documents/remarks-the-white-house-festival-the-arts>