

Technology Product Exemplars

A collection of technology products created by K-5 South Portland students, many designed collaboratively by classroom teachers and the technology teacher and associated with grade-level curriculum units.

Assembled by John Thurlow



Click your mouse to advance to each page

Social Studies

History: Constitution

5th Grade

Research Process

Students research
Constitutional
amendments and
create a
instructional poster.

The United States Constitution

By Ellen [redacted]

Amendment XIX

The right of citizens of the United States to vote shall not be denied or abridged by the United States or by any State on account of sex. Congress shall have power to enforce this article by appropriate legislation.



Why is it important?

This amendment is important because it creates equal treatment for women. If women couldn't vote, and they had a different opinion from the men, half of America would be unhappy. This way, no matter what your gender, you can have equal voting rights.

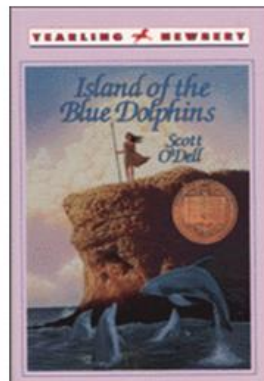


Meaning of amendment XIX

This amendment means that women are allowed to vote, as well as men. No one can tell a U.S. citizen that they can't vote because of their gender. Congress can enforce this amendment.

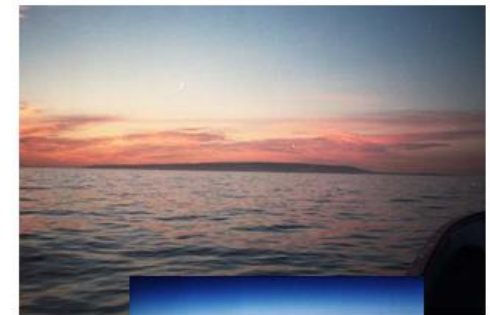


Select a novel with a non-fictional setting and research the setting of the story. Create a poster and summary.



The island Karana lived on is thought to be the island of San Nicholas. This island is about a six-hour trip from Los Angeles California. The island is all by itself and has lots of wildlife, including otter, dolphins and sea elephants. There were also wild dogs there in Karana's time. San Nicholas was a popular place for hunters of the sea otters, and the Aleuts, who hunted the otters, would travel to the island to hunt.

The island is about eight miles long and has some very steep cliffs. There is a large coral reef surrounding it.

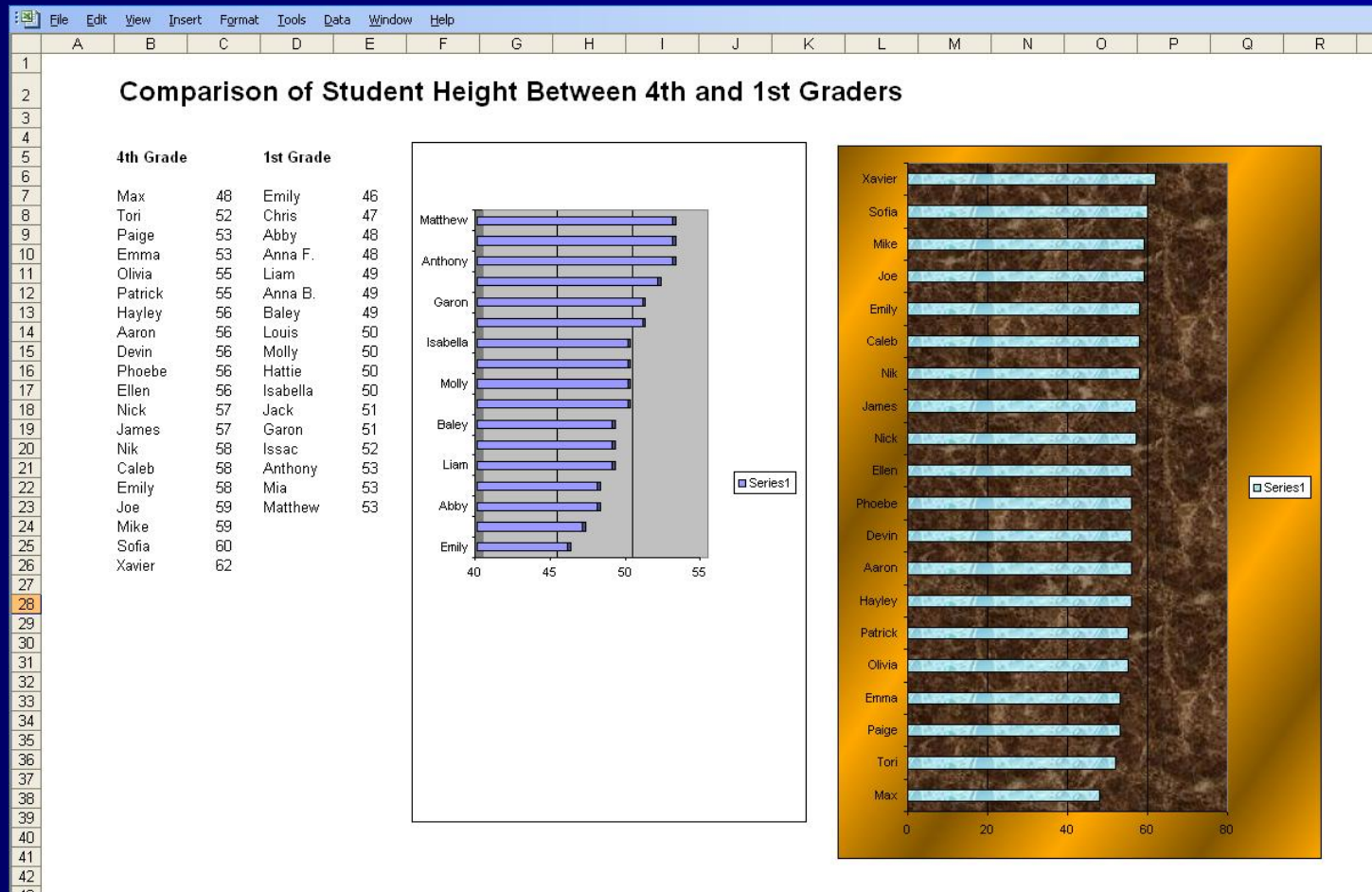


Mathematics:

Data Collection, Spreadsheet Skills, Data Analysis

2nd - 5th Grade

Students collect data on student height then plot the data on a spreadsheet, sort and analyze the information and present it visually using the software.



Mathematics:

Geometry Unit: Designing a Restaurant

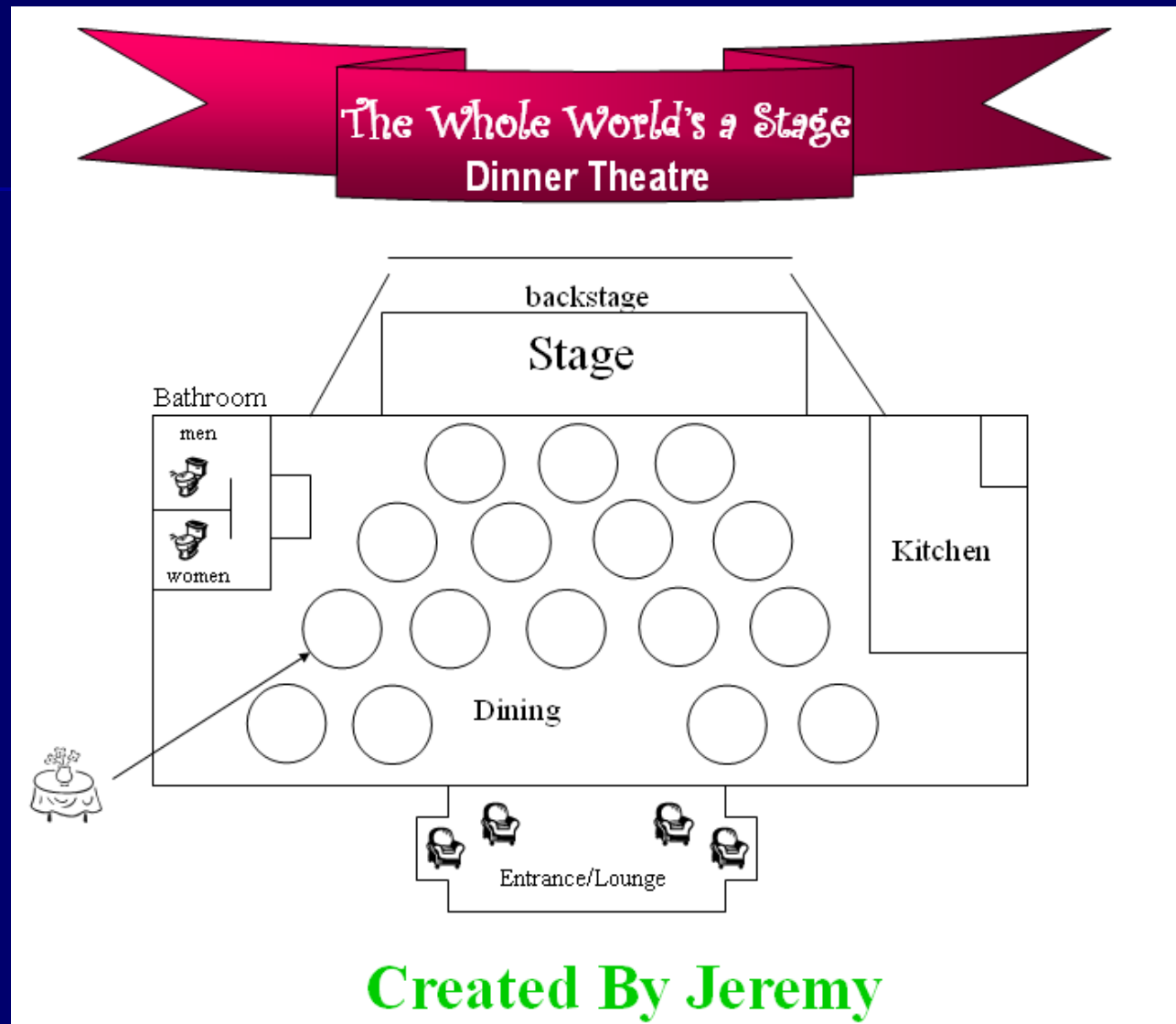
5th Grade

Students use computer aided design tools and geometry to design an original restaurant blueprint.



Mathematics:

Geometry Unit:
Designing a
Restaurant
5th Grade



Science

Research Process

Animal Wanted Poster

3rd Grade

Students use online resources to answer questions about a selected animal, then create a novelty poster to demonstrate knowledge of the animal.

(An InfoTech Unit)

WANTED

A flying squirrel has escaped from the Franklin Park Zoo.

Description:

- 5-7 inches long
- soft brown fur
- black eyes



Behaviors:

- It may be seen gliding!
- They are nocturnal, so look for them at night.

Habitat:

- Flying squirrels can found in pine forests in Canada and the Eastern United States.

Don't worry flying squirrels only eat nuts and berries and are not dangerous to humans.

If found, call the Boston Zoo at 888-888-8888.

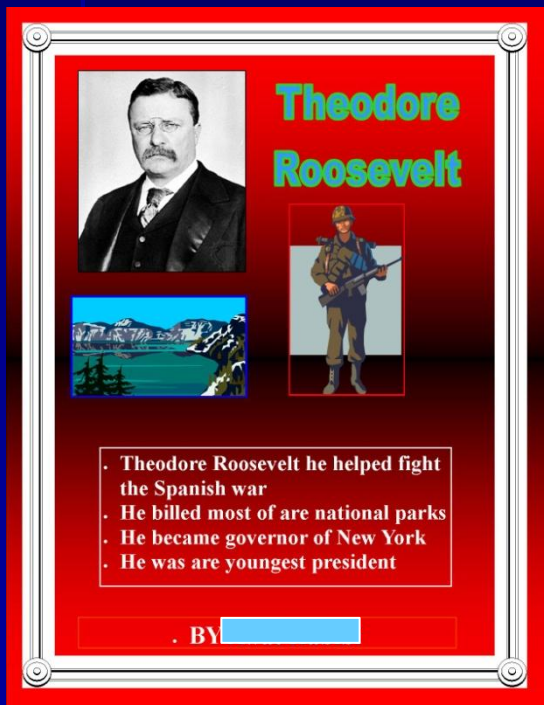
Social Studies:

Historical Person

4th Grade

Research Process

Persuasive Poster and Writing
Piece to Urge the Declaration
of a National Holiday for
Selected Figure in History



Jeremy Jonas
Kaler Elementary School

President George W. Bush
The White House
1400 Pennsylvania Avenue NW
Washington, DC

Dear President Bush,

My name is Jeremy Jonas and I am a fourth grade student at Kaler school. I am writing to ask for Theodore Roosevelt to have a holiday named for him.

Theodore Roosevelt was the youngest president of the U.S. at the age of 42. He won the Nobel peace prize during his years of presidency.

He led the Rough Riders in the Spanish war for freedom.

He died in 1919 at the age of 61.

Sincerely

Jeremy Jonas

Social Studies:

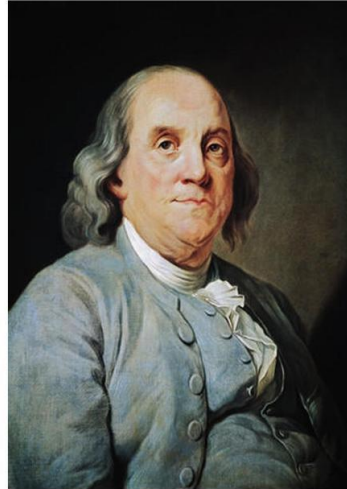
Historical
Person

Research
Process

3rd - 4th Grade

Persuasive Poster
and Writing Piece
to Declare a
National Holiday
for Selected
Figure in History

Ben Franklin Day



Ben Franklin...

Was a successful printer

Started the first library

Formed a fire department

Invented the Franklin Stove

Invented the Lightning Rod

Wrote Poor Richard's Almanac

Helped fight slavery


Helped write the Constitution

Ran the United States Post Office




VOTE
TO MAKE
BEN FRANKLIN DAY
A HOLIDAY

Use images captured in the classroom to create a time lapse representation of students' plants as they grow.




Our Plants


Jeremy





TIME LAPSE


- These are our plants
- We took pictures as they grew
- We studied their growth










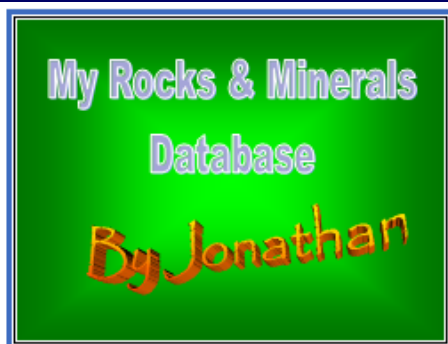




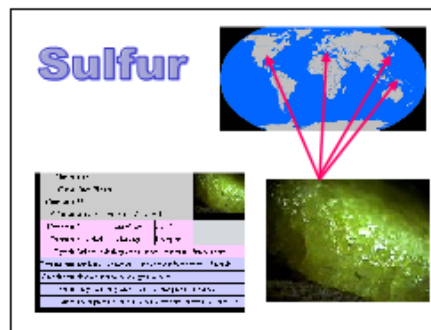
Science: Rocks & Minerals: 5th Grade

Database Creation

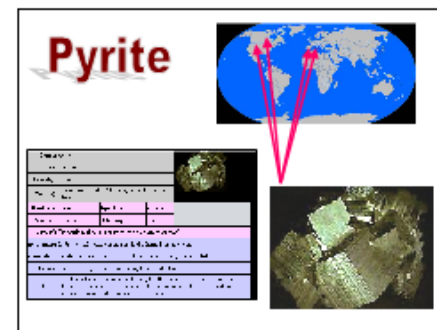
Geography
Students
locate areas
on earth
where
various
minerals
are found
and create
a database



1



2



3



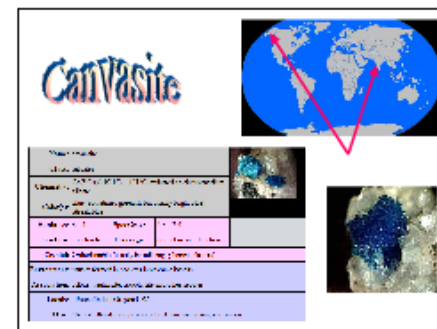
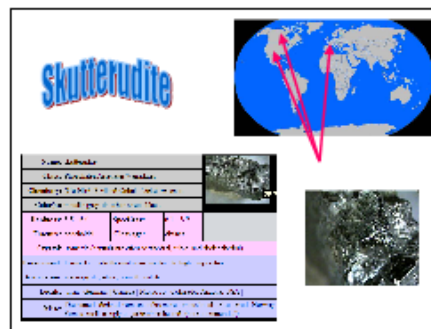
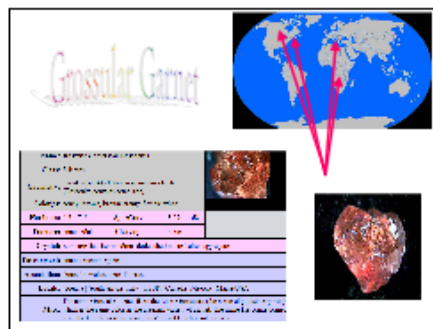
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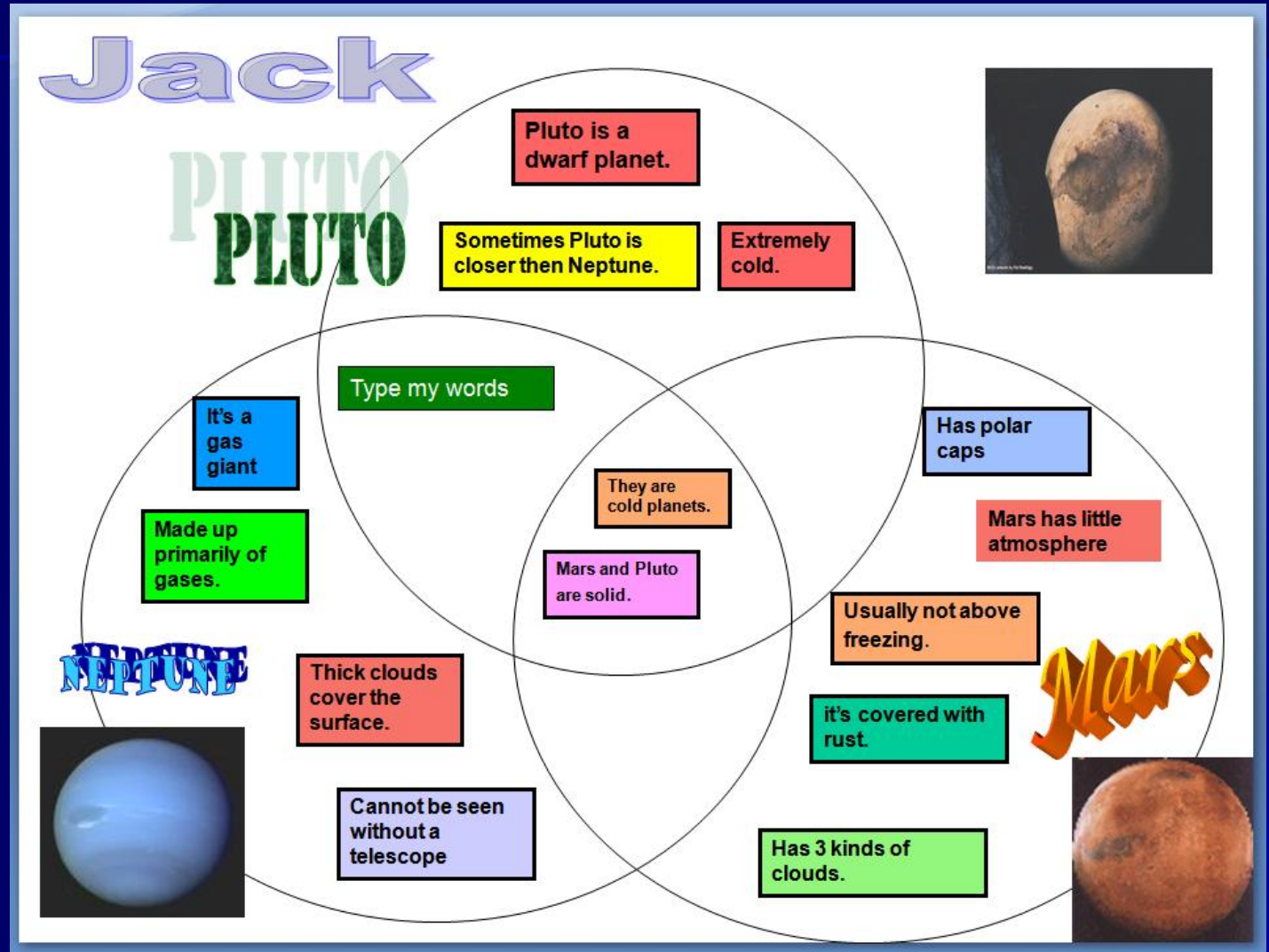


6



Research Process

Create a digital Venn Diagram to compare three planets



Following a unit on graphic novels, use an online tool to create simple comic strips.

Mr. Caldwell's Grumpy Day



Research Process

Locate various bird species online and create a slide presentation to take home for use as a family identification resource .



Maine Studies

Research Process: Electronic Note Taking

Famous Maine Person

4th Grade

The Life of Chester Greenwood

Emma

1

http://en.wikipedia.org/wiki/Chester_Greenwood

- Chester Greenwood was born in Farmington, Maine in 1858. A grammar school dropout, he invented earmuffs at the age of 15 (1873). While testing a new pair of ear shields, he grew frustrated at having to push his ears from the bills cold. After wrapping his head in a sock, which was too bulky and itchy, he made two ear-strings to go from ears and asked his grandmother to sew his on them. He patented an improved model with a steel band which held them in place and with Greenwood's Champion Ear Protectors, he established Greenwood's Ear Protectors Factory. He made a fortune supplying Ear Protectors to U.S. soldiers during World War I. He went on to patent more many other inventions. In 1977, Maine's legislature decided December 21 "Chester Greenwood Day" to honor a native son and his contribution to cold weather protection.
- Farmington Maine is now the Capital of the World. There is a parade that celebrates Chester's birthday the first Saturday in December, with local police officers in the parade decorated as giant earmuffs.
- In addition to being an inventor, Greenwood was the owner of a bicycle business, a business involving an improved heating system and was involved in the introduction of one of the first telephone systems in Farmington.

2

http://en.wikipedia.org/wiki/Chester_Greenwood

- Chester also patented a tea kettle, a steel tooth rake, an advertising matchbox, and a machine used in producing wooden spools for wire and thread. He lived in it, but did not patent an umbrella holder for mail carriers. He no doubt invented many other items, but why patent the above mentioned items?
- In addition to his inventions, he was an accomplished machinist, an active member of the community, a business developer, and a family man. His wife, Isabel was a staunch supporter of Women's Suffrage. He and Isabel were parents of four children.
- born in 1858 died in 1937
- The first Saturday in December is celebrated as Chester Greenwood Day in Farmington, Maine.

3

<http://www.ideafinder.com/history/inventions/earmuff.htm>

- Greenwood's Ear Protectors were first sold on the back Fall River magazine to make some money. Chester did the best he could. The Green's Ear Protectors were sold, and Chester was an overnight success. Within a few weeks, he was selling 100,000 pairs of ear shields each day. He was a success.
- The first time he heard of some one, called and wanted to see him, and he was a success.
- Greenwood's Ear Protectors were first sold on the back Fall River magazine to make some money. Chester did the best he could. The Green's Ear Protectors were sold, and Chester was an overnight success. Within a few weeks, he was selling 100,000 pairs of ear shields each day. He was a success.
- On March 13, 1877, the United States Patent Office granted him patent 222,000. Greenwood's Ear Protectors were sold on the back Fall River magazine to make some money. Chester did the best he could. The Green's Ear Protectors were sold, and Chester was an overnight success. Within a few weeks, he was selling 100,000 pairs of ear shields each day. He was a success.
- When he died in 1937 at the age of seventy-nine, Greenwood was a huge celebrity. In addition to his inventions, Greenwood was a business developer, a family man, and a community member. He was a success.

4



<http://www.ideafinder.com/history/inventions/earmuff.htm>

5



<http://www.ideafinder.com/history/inventions/earmuff.htm>

6

Research Process: Study a Famous Artist

Teach through the use of a slide presentation

DAHLOV IPGAR

BY: SEBASTIAN

BIRTH

- Dahlou Ipcar grew up in Greenwich Village in New York City.
- Her parents were both artists, William and Marguerite Zorach.
- She was born on November 12, 1917, in Windsor, Vermont.

Childhood

- Childhood was important to her because it was so special.
- She had a lot of fun playing with her dolls and her friends.
- She was very creative and loved to draw and paint.

other

- She was a great artist. She was a lot of fun to be around.
- She was very creative and loved to draw and paint.
- She was very kind and helpful to everyone.

some of her art

some of her books

One of her books is called 'The Little Girl Who Sailed the Moon'.

Another book is called 'The Little Girl Who Sailed the Moon'.

bibliography

www.e-rtive.com/dahlou/

www.ttsol.com/taas/aa/3aas4.htm

###

A Day In My Life as a Teamster

By Emma Jones

December 10, 1933. Today I woke up, exhausted from all the difficult work I did yesterday, at 3:30am. I would have slept until 4:00 if my friends Alex and Gregory didn't shake me awake, saying, "Arte, Arte, we are going to be late for work!" I dashed over to my clothes and stuffed them on clumsily.



After I shoved on my last boot Alex, Gregory, and I stumbled out the door onto the pathway that Eli had shoveled for us. As we were scurrying to get to breakfast



before all the donuts had been eaten we noticed that the Swampers Eli, Chris, and Bert were not working, but having a enjoyable time sliding down the hill after they made it. I

rushed over to tell them that they would get into big trouble if the boss saw them. After I scolded them for being so unwise Gregory, Alex, and I set off again for breakfast. Since Gregory is a chopper he had to leave early so the boss wouldn't see him and chide him. After we had a spectacular meal (biscuits with molasses) cooked



by Hannah, one of the best cooks ever , Alex, and I set off to go take care of the horses in the stable. Once we got to the stable Alex had to go because she heard that her friend Percy wanted to talk to her about something important. I was by myself now, so I went to go check on my three horses, Hazel ,Chester, and Sunny. Especially Sunny, because she was only a foal and also a huge trouble maker. Just then I heard a BOOMING neigh, it was coming from the horse stable. *I hope that Isn't one of my horse's* I thought as I was dashing to



Students use online resources to learn about the Logging industry in Maine then compose and publish a journal from the perspective of one of the laborers. Images are harvested online to enhance the document

Social Studies: History: Maine Studies
4th Grade

Research Process

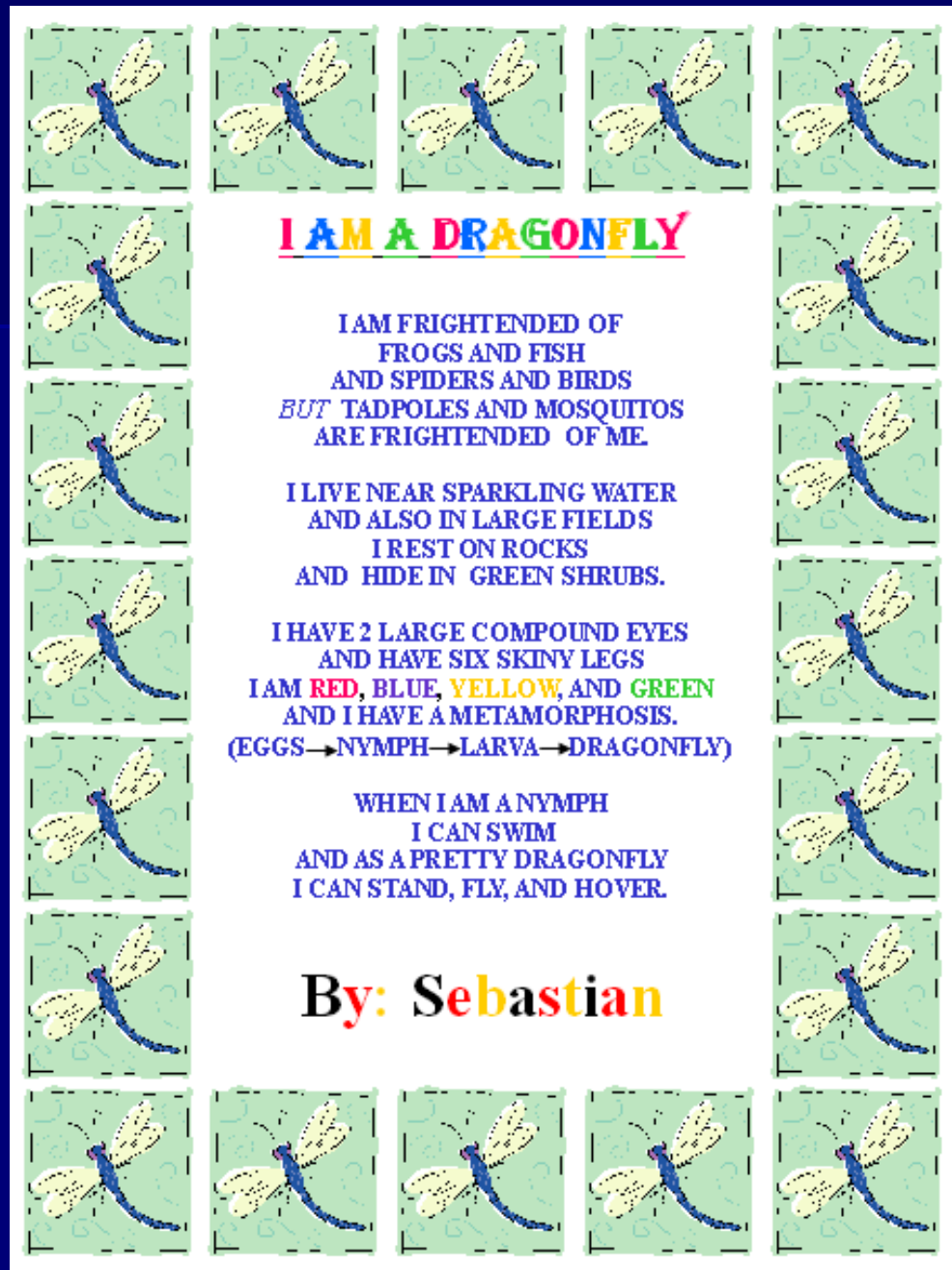
Literacy

Science

Research Process

4th Grade

Students research,
then compose and
publish a poem
describing a selected
insect



Pond Observation

2008-2009

By Elizabeth



Science

4th Grade

Observation Notes from Pond Studies. Documented in a publication.



Pond Observation
April 6, 2009

There are fallen leaves, still floating in the water.



Pond scum is on the surface.

Mallard ducks dive for food.

The male has a green head.



Pond Observation
May, 9 2009

I see flowers and a lot more wildlife.



Snails and snakes and ducks with their young.



More green leaves and grass.



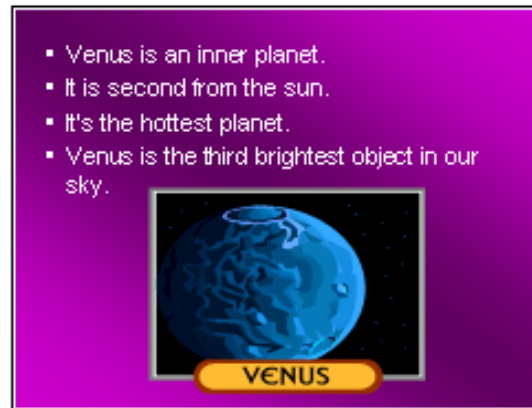
The pond has an average amount of water.

Research Process

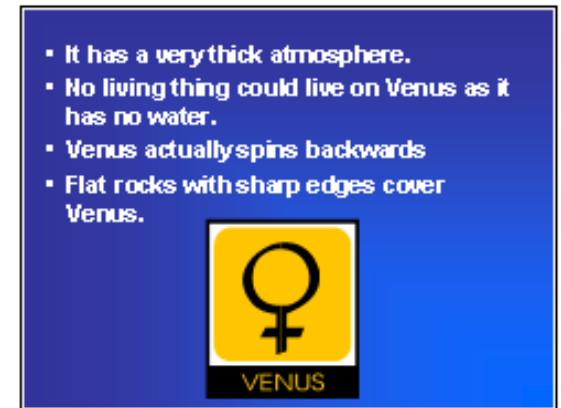
Students create a presentation based on research to teach about a planet or other celestial body



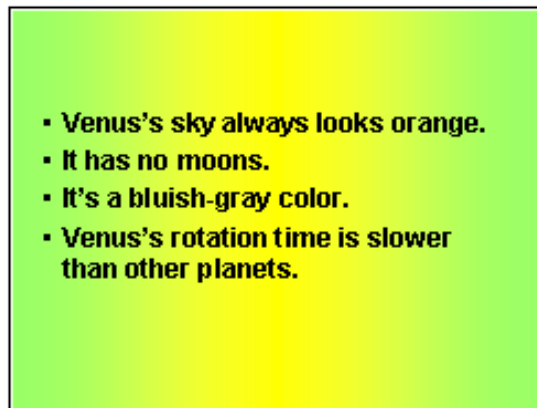
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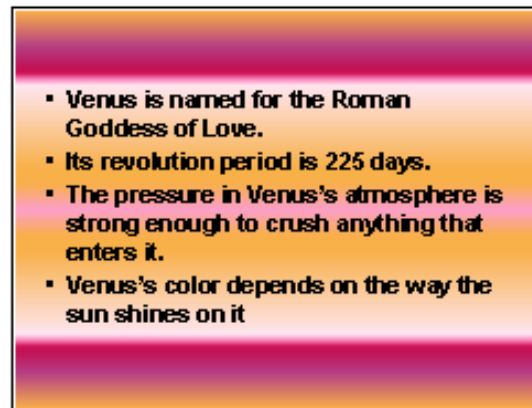
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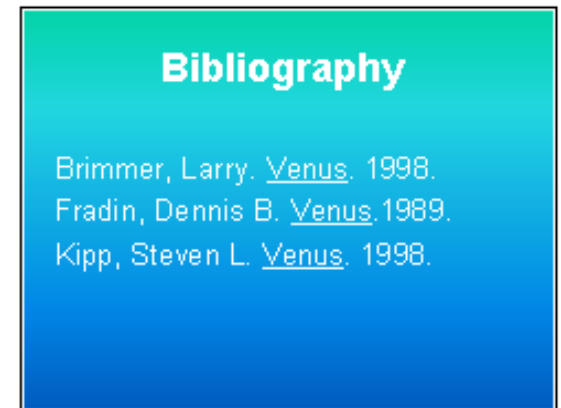
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4



5



6



Social Studies

Community Unit

1st Grade

Design a city or village with an online tool.



Mathematics: Money

Use a spreadsheet and formulae to determine currency values

	A	B	C	D	E	F
1	Make This	Quarters	Dimes	Nickles	Pennies	Total
2	.32					?????
3	.67					
4	.56					
5	1.24					
6	.69					
7	1.29					
8	.58					
9	.37					
10	.82					
11						

$$=(b2*.25)+(c2*.10)+(d2*.05)+(e2*.01)$$

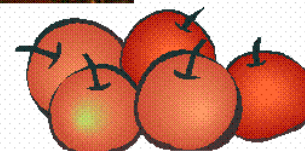
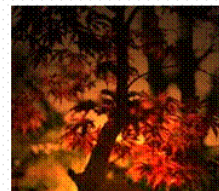
Research Process

Create a tourist brochure to persuade a visit to Maine.
Original Art scanned and used in publication



Looking for a good vacation? Come to Maine during the summer! You can swim in the rough, wavy Atlantic Ocean, or a calm, quiet lake. You can camp easily under the stars, or in a nice log cabin next to a lake. Don't forget LOBSTER! Maine is famous for lobster! Visit a seafood restaurant and enjoy a delicious lobster dinner under the stars. You can also sail along easy water. So if you're looking for a good vacation, now you know why you should come to Maine in the summer!!!

FOLIAGE TRIPS
APPLE PICKING
LOTS OF MUSEUMS
LIVELY HORSES TO RIDE



SPRING
COOL, WINDY
COMFORTING, ENERGIZING, VACATIONING
WARM, BREEZY, SUNNY, ENJOYABLE
GOLFING, WHALE-WATCHING, SIGHTSEEING
SEASON



Compose and publish a multistep word problem for peers to solve

Math Challenge By Bianca

Name:

Date:

The people at Shady Oak Farm went to explore trails for us to go trail riding .We left the barn at 10:45 and it took 20 minutes to find a trail. While we were there, we collected sticks and twigs so we could leave markings on the ground so we know how to get back from the trail. I found 13 sticks, Doddy found 25 twigs, Carol found 27 sticks and Lisa collected 38 twigs. We arrived back at the barn at 1:30. We took all the tack off the horses and the tack is a bridle, saddle, and a girth. Remember there are 4 horses and 3 garments go on each horse.

1. How long where we gone for?
2. How much tack or garments did we take off all the horses?

Science: Marine Animal

1st Grade

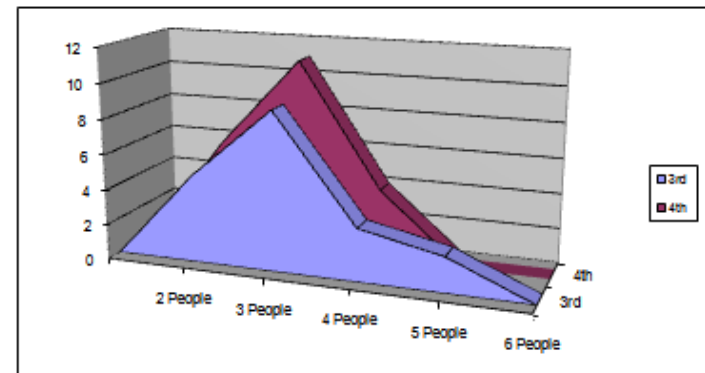
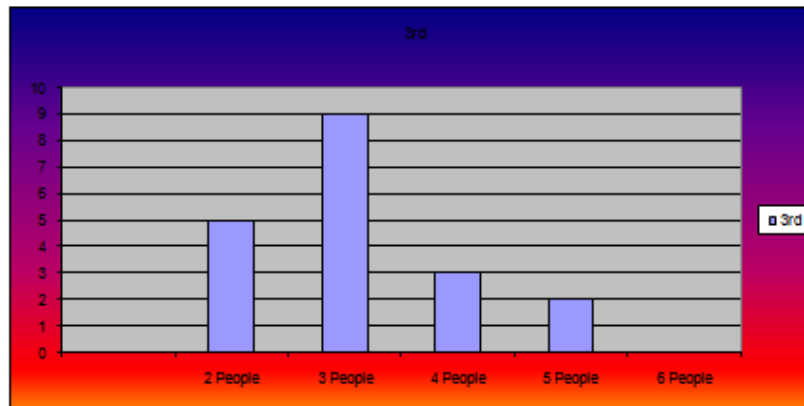
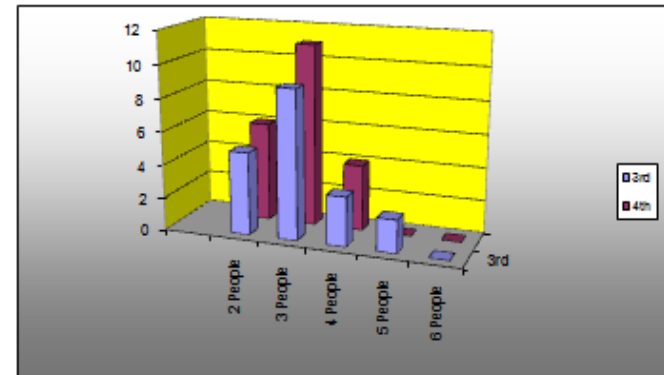
Create a digital collage of a selected marine mammal

Morrigan



Survey peers and collect data on a selected topic. Use a spreadsheet to depict the data visually.

People in Houses	DATA COLLECTION	
	3rd	4th
2 People	5	6
3 People	9	11
4 People	3	4
5 People	2	0
6 People	0	0



Science

Research Process




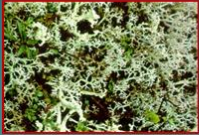


2nd Grade

After researching an animal, create a poster to use as a teaching aid using four categories to classify the information

The Lemming

The lemming lives on the cold, treeless tundra. It burrows underground to build nests.

The lemming is an herbivore, so it only eats plants. It eats willows, cranberries, Arctic cotton, grasses, and mosses. It has to dig under the snow to find food in the winter.



Fun Facts





The lemming is the smallest mammal on the tundra.

The lemming may attack a polar bear, if it thinks it cannot escape.

The lemming is a very important animal on the tundra because it is food for so many other animals.

The lemming is eaten by many things, such as ermines, foxes, weasels, snowy owls, gyrfalcons, and jaegers. Inuit people use their fur to trim coats.

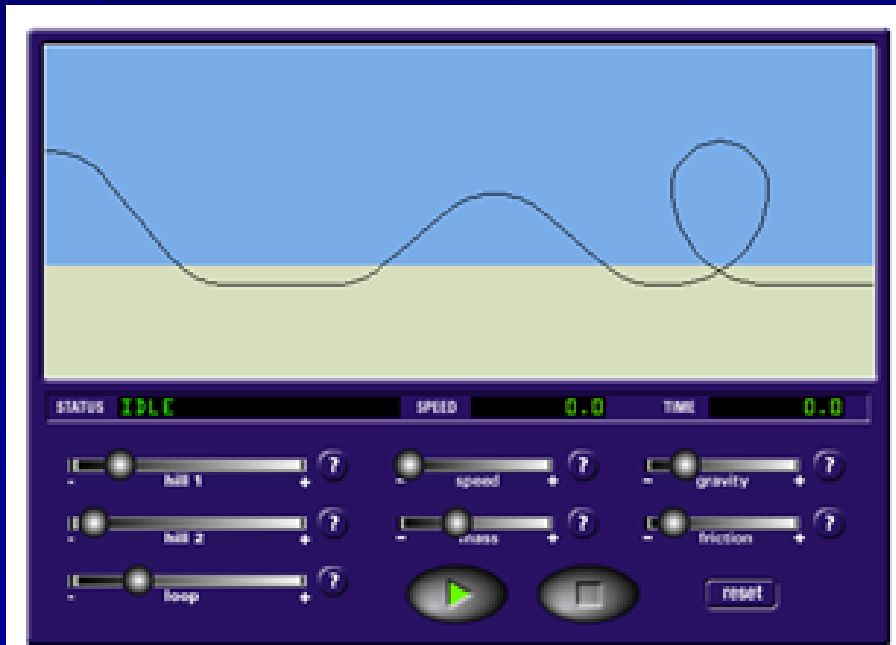
By Laura Stevens
May 2009



Science: Motion & Balance Unit

2nd Grade

Use an online roller coaster simulator to adjust variables and test effectiveness of the design. Record data.



Roller Coaster Record

Name _____

Test	Speed at End	Time at End
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

LOOP CHALLENGES

Grown-up initials _____



Social Studies: Community Unit

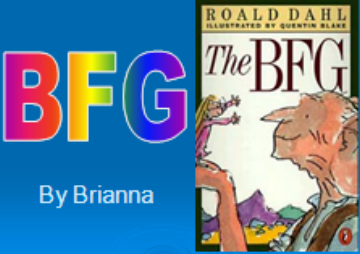
1st Grade

Design a city or village with an online tool.

Designed by
Nate



Create a story board about a selected novel and write about the various elements including the theme. Include a evaluation piece at the end critiquing the book.

 <p>By Brianna</p>	<h3>Summary</h3> <ul style="list-style-type: none"> ➤ This book is about a girl who finds a giant. And they go on amazing adventures 	<h3>Major Characters</h3> <ul style="list-style-type: none"> ➤ The BFG is a very friendly and kind giant. He is not like the other giants in Giant Country. They eat "human beans". He will only eat snozzcumpers. He is hundreds of years old and quite wrinkly. His ears are huge and can hear tiny, tiny sounds. The BFG is bullied by the other giants. 	<h3>Setting</h3> <ul style="list-style-type: none"> ➤ This story takes place in London, England and in Giant Country. Some of the story is at the palace of the queen.
<h3>Two Main Events</h3> <ul style="list-style-type: none"> ➤ The snatching of Sophie from the orphanage is one main happenings in the story. Another would be when the giants are captured by the Queens soldiers. 	<h3>Genre</h3> <ul style="list-style-type: none"> ➤ The genre of this book is fantasy or fiction. It might even be a fairy tale because of the magic. 	<h3>Author's Message</h3> <ul style="list-style-type: none"> ➤ I believe that the author wanted to say that good can win over evil. He might also want to say that evil will be punished. 	<h3>Review - Evaluate</h3> <p>This is an excellent book. It is funny but also can be exciting and scary. It makes you feel many different ways. Mostly it is very funny. The BFG is the kind of character you can like but the other giants are not at all like that. I think the author did this to teach a lesson about friendship and being different. Also the little girl is very brave and a good friend. It's a long book and some of the funny words can be hard to read but it's worth it. You MUST read this book.</p>

Science

Literacy

2nd Grade

Invent a “state” and describe its attributes in a publication.

The State of Blizzard

Created by Leif

My State of Blizzard is very cold. I created rivers and named them things like “Ice Skate Paradise” because it was frozen. It also shows a lot in Blizzard that affects people because you can’t use cars they have to sled or use snowmobile and since it is so cold all year round they don’t have any summer days.

They all have good sleds and snowboards and they know how to use them. They can’t stand hot weather or they’d sweat like pigs. And they all have heat. But the best thing of all is they are very happy.

Literacy

Novel Studies

Newspaper unit

Use a novel as the basis for a newspaper rendition of the story and publish it digitally using appropriate styles and layouts. Share it with others to promote the book.

The Desert Daily

Volume 1. Issue 1. March 6, 2008

Sheriff is Hero

By Elizabeth
Staff Writer for the Advocate

In a dusty western town, the local sheriff recently risked his own life to save the life of a young girl. Sweetness, a parentless child, ran away into the desert to escape the challenges of life at Mrs. Sump's orphanage. Upon hearing about this situation, the sheriff took matters into his own hands and departed to look for Sweetness. After encountering multiple dangers in his 24 hour search, he found and returned her safely to town.

During his trip into the desert, the sheriff faced dehydration and hunger. Also, he saved Sweetness from criminal Coyote Pete, who was arrested and jailed once the girl was safe. This shared adventure brought the sheriff and Sweetness close together. As a result, the sheriff has adopted the girl, along with other orphans who have been mistreated by Mrs. Sump.

"That Mrs. Sump makes those kids scrub the floors with toothbrushes," the sheriff reported. "I can't blame the child for running away. Sweetness and her friends deserve a better life than that, for sure. I aim to give them that better life." While the orphans have found a new home away from Mrs. Sump, another person has found a home with her. Neighbors report that Coyote has been living at the orphanage since his release from prison. The two were seen shopping together for toothbrushes at a downtown pharmacy.

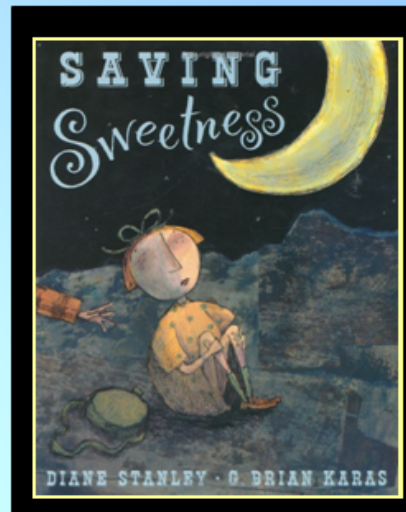


Photo Credit Amazon.com

LOBSTERS
\$8.99 lb.
Bugsy's
Lobster Pound



Compose a simple story then enhance the language using the thesaurus tool in a word processor.

Jessica

I was lost in a **flurry**, a **stunning** white snowstorm that I never thought I could **despise** but then I just wished it would go away.

It all started when my owner made me. First I was only three **lumpy** piles of **frosty** gray slush stacked on top of each other. Next were two coal black rocks for eyes, then a **slim** orange carrot nose and a bent vine for a smile. Finally a **silky ruby** hat with a snow white pom-pom and **bogus** (and rough) black mustache for good looks - not that I needed more - and I'm ready to go. The night that I was built was the night that would change my life. It was my builder's cat that I scared away.

Research Process

Use information collected from online sources to create a slide presentation about Maine to encourage people to visit.

Science: Animal Unit

3rd Grade

Research Process

Research and then compose a report to teach others about a selected animal.



The Bald Eagle

A Report By Andrew

Bald eagles are birds. A bird is any animal that has feathers.

Adult bald eagles have a wing span of 2 meters. Bald eagles are most active in the day. They are not bald, they have white feathers. Bald eagles turn adult when they are 5 to 6 and some bald eagles live up to 50 years.

Bald eagles' eggs are white. Young bald eagles have dark brown feathers with scattered light markings. If an adult bald eagle dies the eagle finds another mate. Eagle young take 2 or 3 years to grow up and the nest keeper keeps other eagles out of the nest.

Bald eagles live in North America. You can find bald eagles in Mexico, Alaska, and the United States.

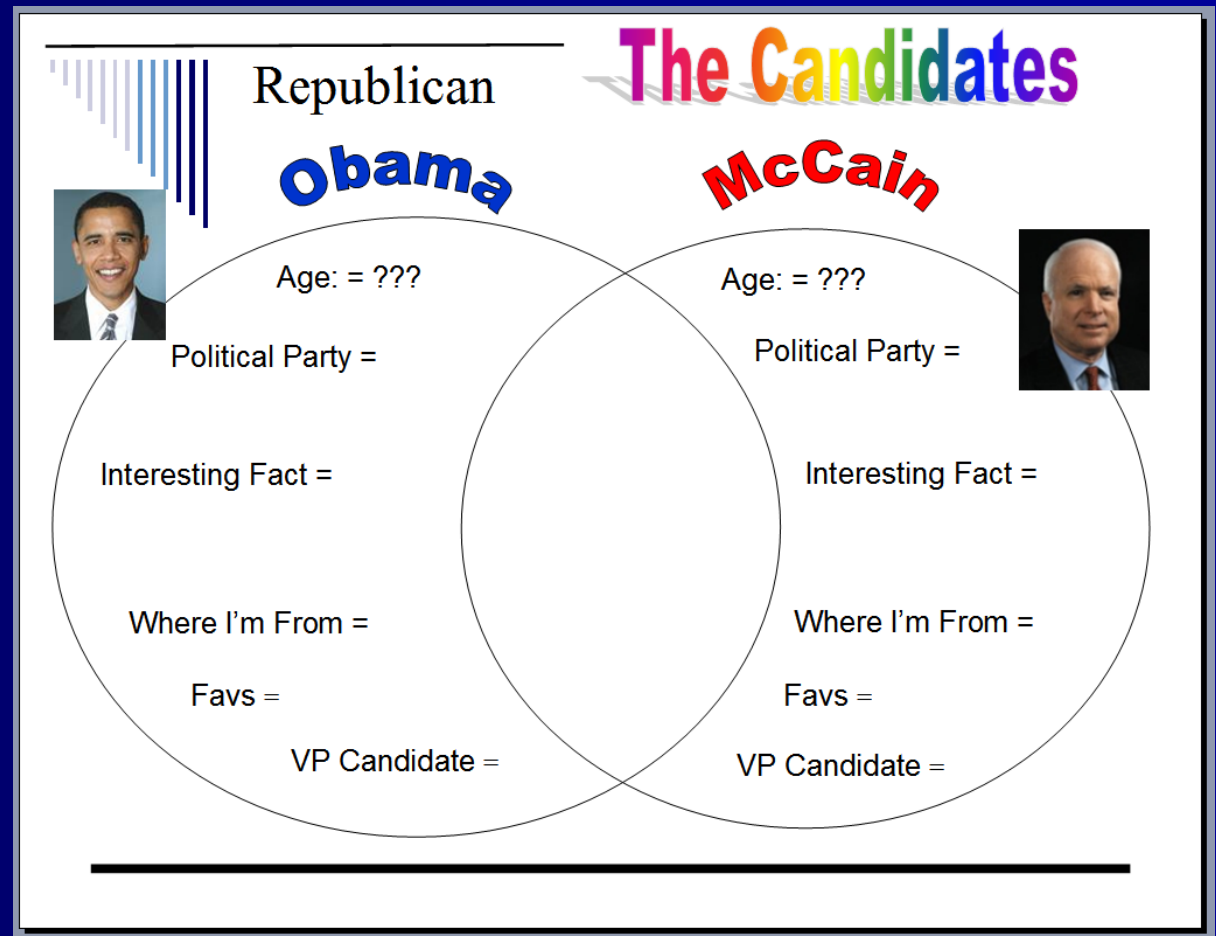
Bald eagles eat rats, birds, frogs, fish, and rabbits to live.

Bald eagles fly away when in danger. Bald eagles bite and use their claws when they are in danger and can't fly.

The bald eagle is a symbol of the USA. I think people should enjoy the bald eagle so the bald eagle doesn't become extinct. We should save the bald eagles.

Research Process

Research candidates for office then create a digital Venn diagram to compare the two individuals. Seek common attributes

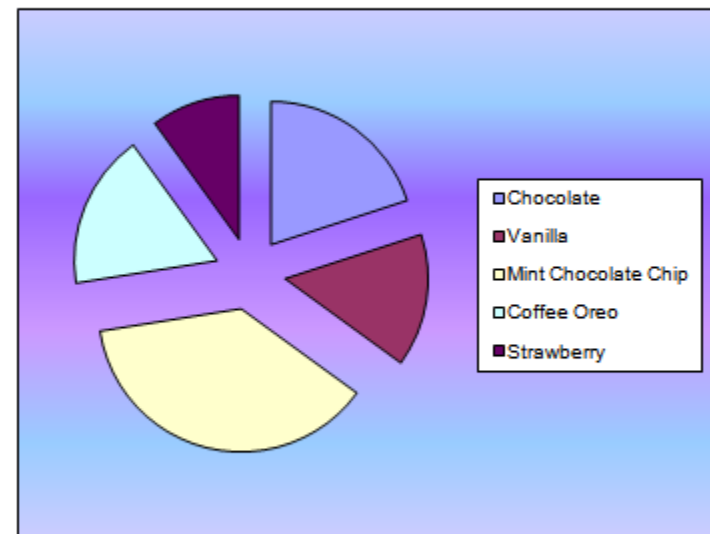


Survey peers and collect data on a selected topic. Use a spreadsheet to depict the data visually.

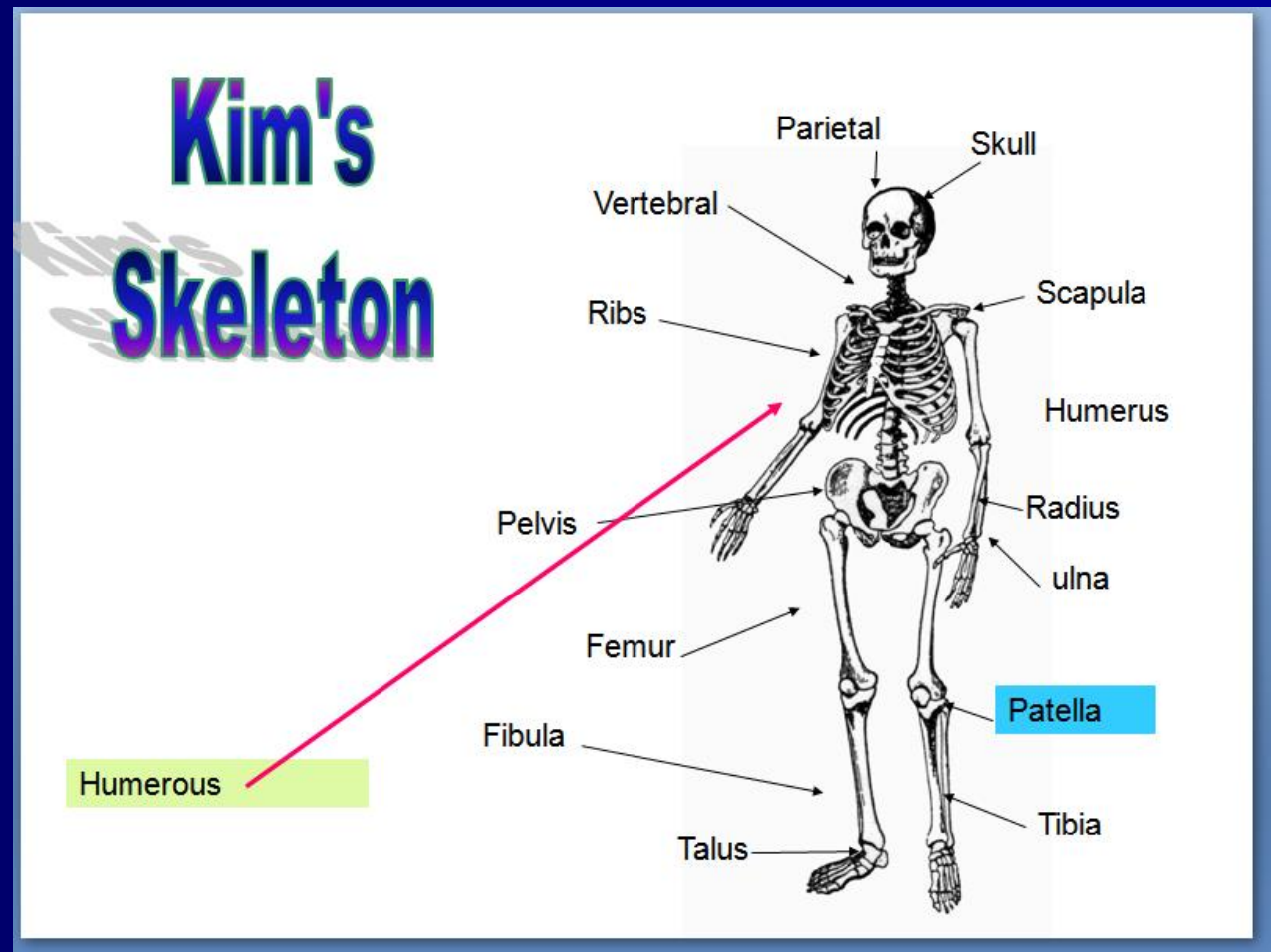
Ice Cream

Liam

Chocolate	8
Vanilla	6
Mint Chocolate Chip	15
Coffee Oreo	7
Strawberry	4



Use online resources to locate diagrams of the human body systems. Use online search tools to learn names of various parts and label them on a slide presentation.



Social Studies:

Grade 2

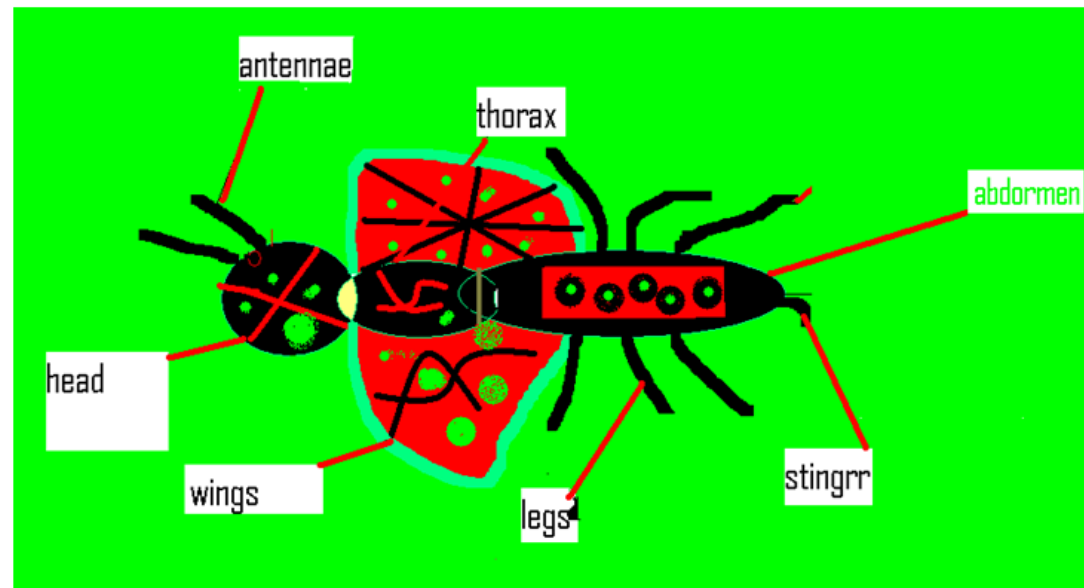
Community Service

Create a tribute
document to deliver to
a veteran



Invent an authentic and unique insect species of your own design and draw it with digital tools. Label the parts.

An Original Bug Designed By Tory

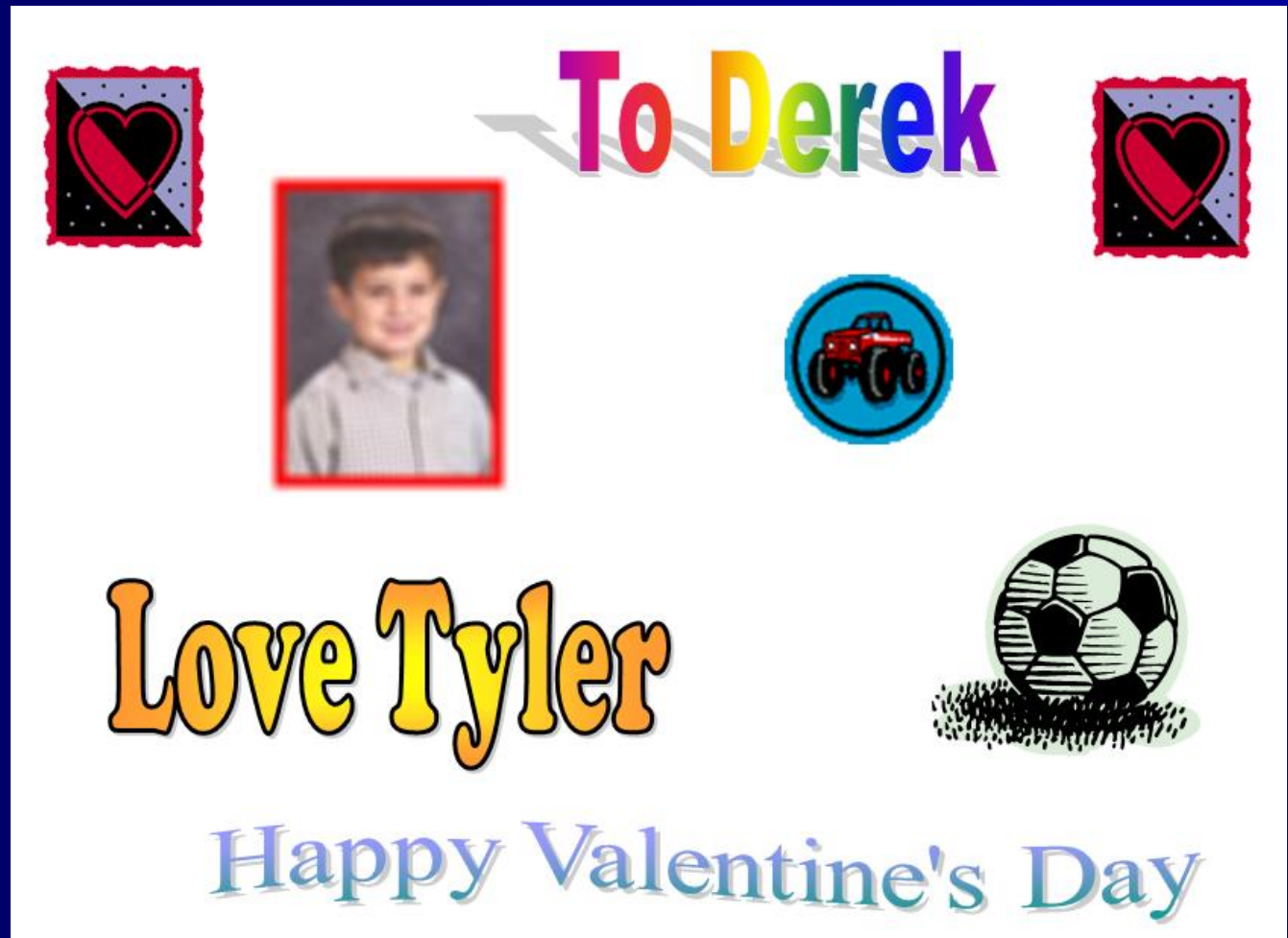


Research Process

Use online resources to acquire knowledge of the simple machines and create a presentation to teach your family.



Create a digital valentine card for a friend



Science

Research Process

5th Grade

Research using online tools a spice and create a teaching tool in the form of a slide presentation to teach others. Include a geography component.

Mrs. Briggs, Kaler Elementary School 5th Grade

Explorers Unit Project: Spices

Task: Create a Powerpoint Presentation on a spice and present what you learned to the class

Requirements:

PROCESS

Review the list of topics to include in your project so you can be looking for answers
Use websites provided to read and take notes with paper and pencil
Create the slides as outlined below as you gather information and make notes
Use of GoogleMaps is allowed for this project: take ScreenPrints for Slide 4 (PrintScreen and crop)

CONTENT

The presentation will have up to 6 slides with text (in your own words), pictures, and a maps

Slide 1: Title Slide: The Name and Picture of Spice, Your Name, Date
Slide 2: Basic Information about the Spice (describe it, how it is grown)
Slide 3: How the spice was used in the past and is used today for food and possibly medicine
Slide 4: Where the spice is found (include a map or maps with markers)
Slide 5: Interesting facts you found
Slide 6: A Bibliography of 3 or more websites used

PRODUCT DESIGN

Use "Slide Design" or design your own theme, background
Use bullets rather than paragraphs (use the "New slide" button and select bullet slide style)
Add animation and transitions AFTER your slide show is finished
Keep your slides simple and visually easy to understand
Make sure all writing conventions are followed (spelling, upper and lower case, etc.)

RESEARCH RULES

Do not copy and past text from websites other than URLs (website addresses for the bibliography)
Use at least three websites to learn about your spice



Rosemary Leaves

By Jamie W.



How Rosemary is grown

- Rosemary grows well in hot climates and in dry soil.
- Rosemary will die in winter because it gets to cold out.
- It also grows well in full sun light.
- It usually grows by the sea, or rocky places.

How Rosemary was used in the past and the present

- Rosemary leaves can help keep swelling down
- The oil from the leaves of Rosemary can help stop cancerous tumors on lab animals.
- The oil from Rosemary leaves can help make your blood pressure normal.
- This spice can help muscle pain
- Rosemary can help people gain confidence and clear the mind.
- Rosemary can help prevent Alzheimer's disease

Where Rosemary is found



Rosemary is found in the Mediterranean Region.

Interesting Facts

- Rosemary Leaves is Latin so its name is *Rosmarinus officinalis* which means dew of the sea
- Some people think that Rosemary has powers like love, healing ect.
- A long time ago people use to burn Rosemary to keep evil spirits away.

Bibliography

- <http://www.piceasearch.com/>
- <http://www.askkids.com/web7qsrc=167&o=0&l=dir&aft=&q=rosemary+leaves+interesting+facts>
- <http://maps.google.com/>

1

2

3

4

5

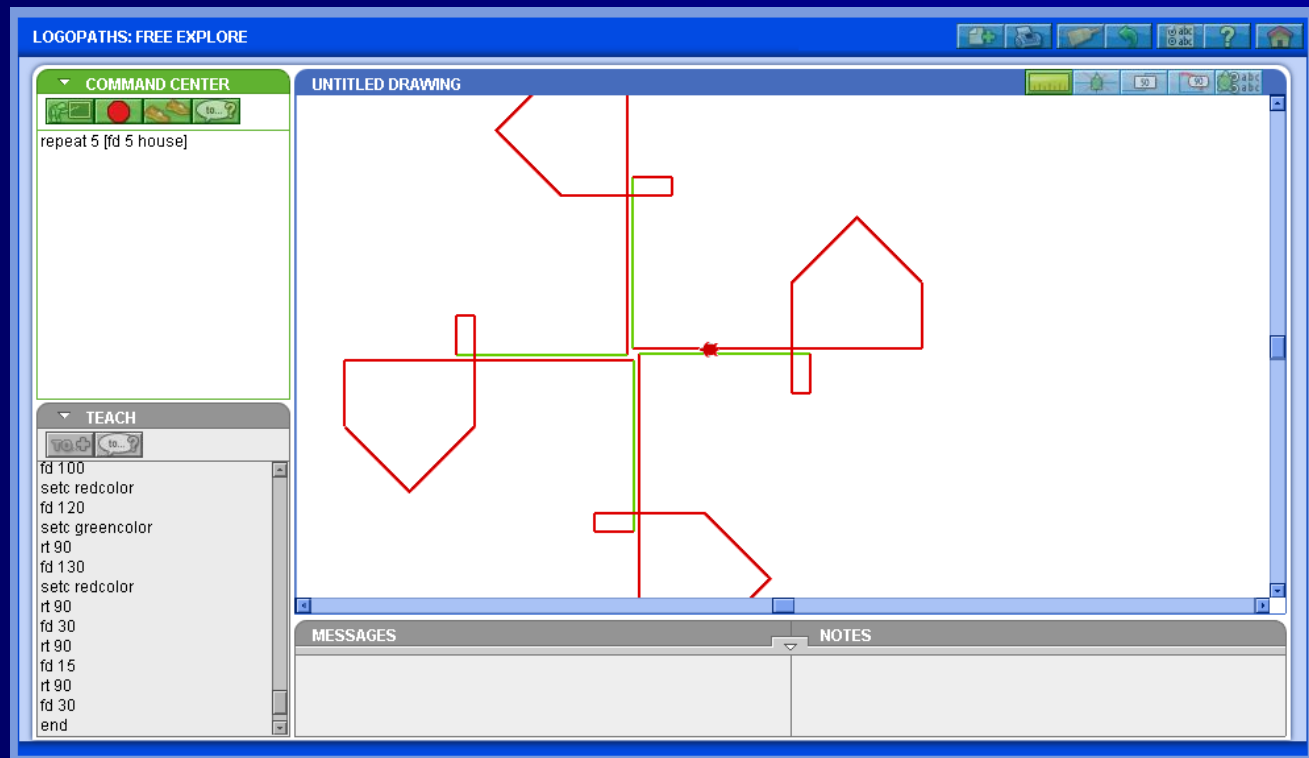
6

Mathematics: Geometry

Investigations Curriculum

4th Grade

Use the online tools to program the turtle to create shapes and to solve problems.



Social Studies

Geography

2nd & 3rd Grade

**Use online
resources to locate
aerial photos of
your home and
create a poster to
share with your
family and friends.**



Drew My house

Literacy

History

Graveyard Learning
Project

4th grade

Compose and publish a
sensory poem based on
experience at the local
cemetery

Sensory poem

By Bianca

*Listening to the
leaves crinkle and
fall.*



*Among the tombstones some
large, some small.*

*I see my great grand par-
ents' headstones and all.*

Research Process

Use online tools to acquire knowledge and understanding of various weather terms, then create a presentation to teach others using images from the web.



☆

1



☆

2



☆

3



☆

4



☆

5

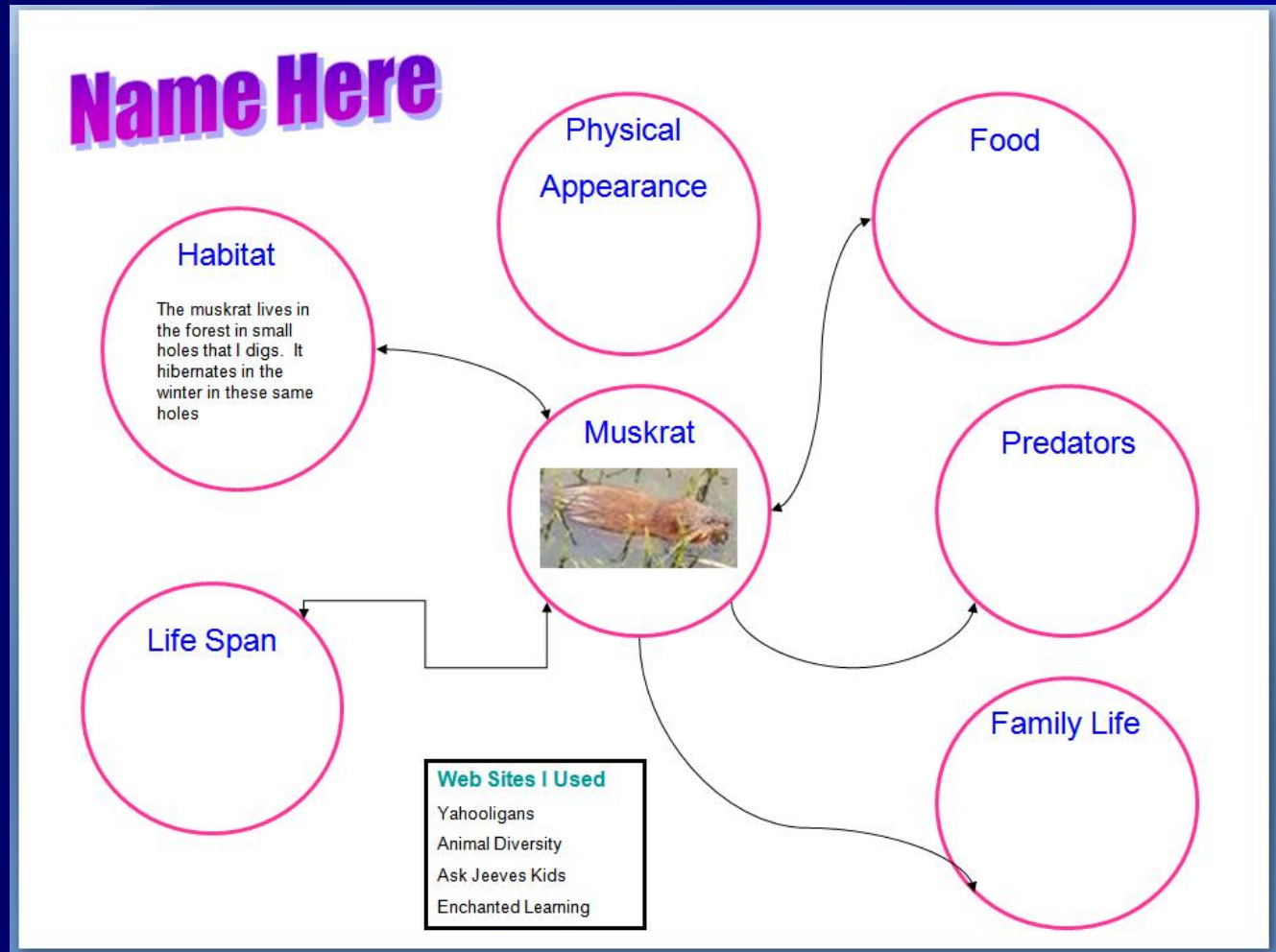


☆

6

Research Process

Create a digital graphic organizer to classify attributes of a selected animal. Use research information to complete the missing information



Science

Earth Unit

Research
Process

2nd Grade

Design a poster
describing Earth
as a teaching
tool for others.

Earth

Jared



The Earth is mostly water. 70 percent is water.



If you chopped a piece from the Earth you would find many layers. Inside the middle of the Earth is hot liquid.



The Earth orbits the Sun every 365 days. It takes 24 hours to spin which makes one Earth day

Social Studies

China

1st grade

Create a digital collage from online images to learn about Chinese culture.

My China Poster



Ella



Literacy: Poetry Forms

2nd Grade

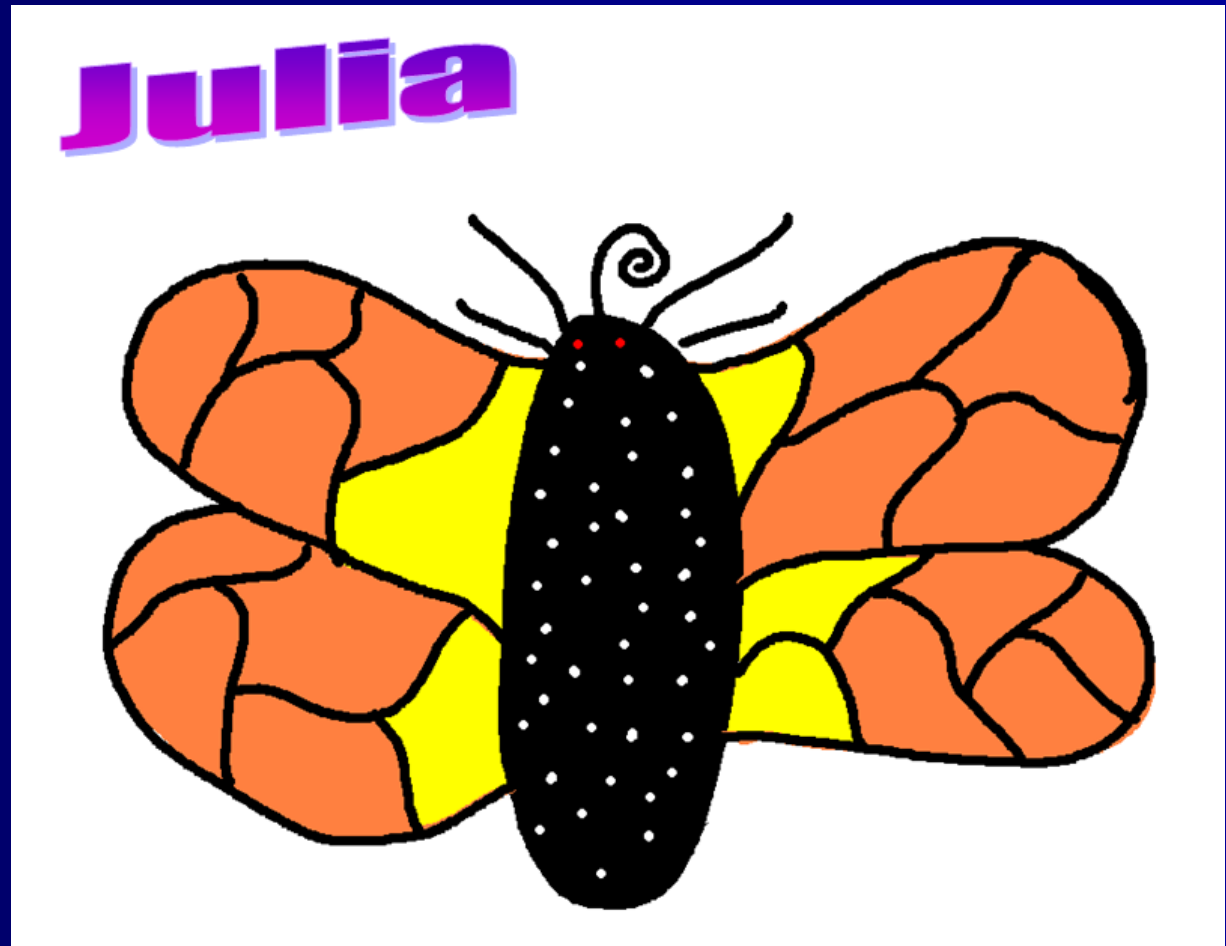
Compose and publish a
Cinquain

Spring

Spring
Colorful, fun
Swimming, running, biking
Time for playing baseball
Vernal



Invent colorations of a butterfly and use digital painting to create it.



Social Studies:

Grade 2

Community Service

Create a tribute document to deliver to a veteran



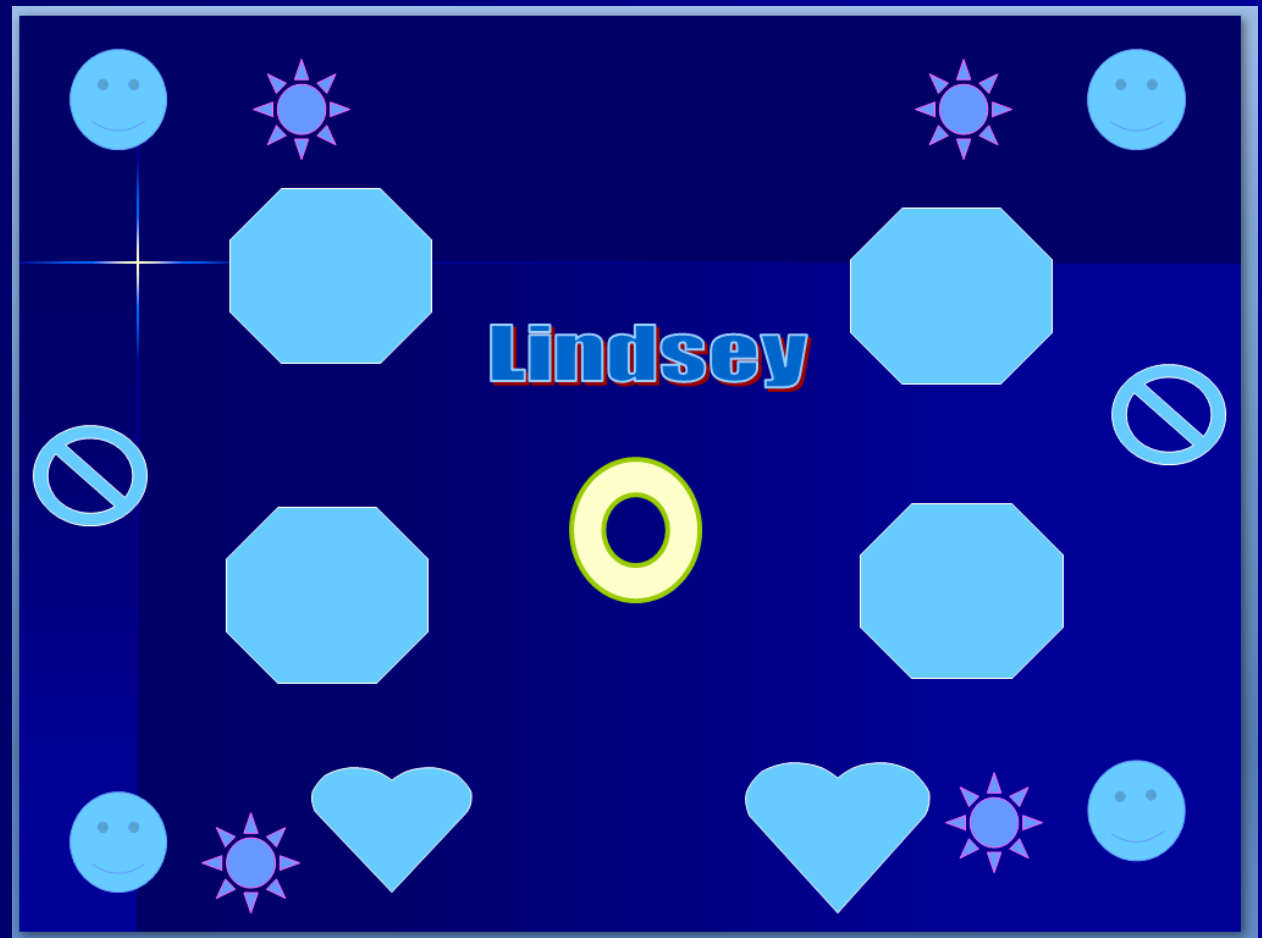
Create a Farm Scene using Digital Art Tools



Mathematics: Symmetry

1st Grade

Students create a publication to show symmetrical shape designs



Design a safety poster on a topic to remind peers of personal safety rules.



Literacy

Mathematics

Use the online
vocabulary
program Free
Rice to expand
vocabulary.
Record points on
a spreadsheet.



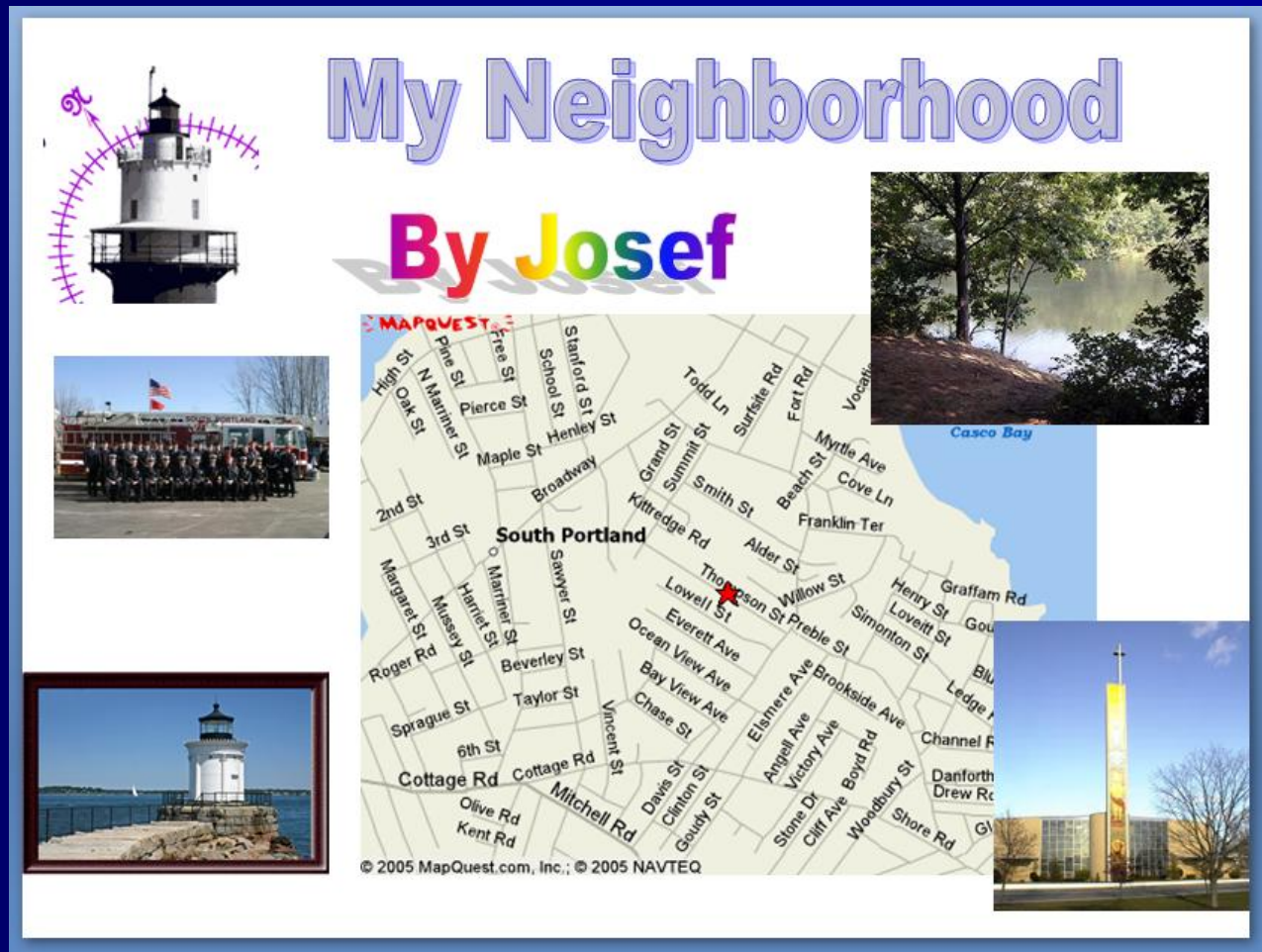
Mrs. Carter's Class

Free Rice!

Mrs. Remsen's Class

Max	900	Alex	1100
Justin	520	Solomon	520
Aleks	920	Giovanna	1300
Jacob	100	Quinn	680
Trevor	700	Bailey	1200
Rachel	420	Matthew	140
Anne Marie	420	Jacob	600
Emily	760	Deaglan	620
Julian	360	Rachel	700
Kaylee	1020	Derek	900
Connor	540	Janessa	500
Caitlyn	220	Austin	920
Maria	320	Alexis	160
Maggie	600	Cortney	200
Parker	200	Kayla	480
Marie-Monique	400	Gretchen	48
Marie-Jeanne	720	Jordan	400
Conrad	500	Trevor	900
	9,620		11,368

Use online map tools and image sites to create a poster of places in your neighborhood.



Social Studies

Geography

Research Process

Library Skills

Research a selected continent or country.
Compose a web page to teach others about your topic. Include references.

Kaler Elementary School

All About Continents



Africa

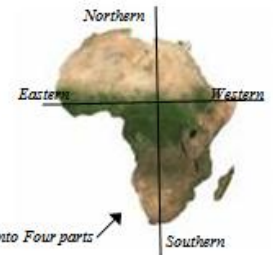
By Edita I.



Kaler Elementary School
5th Grade 2008-09
South Portland, Maine

Africa's Location

Did you know that Africa falls in all hemispheres? In relation to the equator Africa is cut into Northern and Southern parts. To the relation of the prime meridian Africa is cut into Eastern and western parts.



This picture shows Africa Cut Into Four parts

Africa's Location

Did you know that Africa has 53 countries? I Would recommend you to visit these three major cities in Africa. Cairo which is in Egypt right next to the Nile river (30 degrees latitude 31 degrees longitude) . Nairobi in Kenya right next to lake Victoria.(1 degrees latitude 36 degrees longitude). Another city I would recommend is Rabat in Morocco is next to the Atlas Mountain.(33 degrees latitude 6 degrees longitude).



Nile River



Lake Victoria



Atlas Mountain

Here's some pictures of the Nile River, lake Victoria, and the Atlas Mt.

References (Citations)

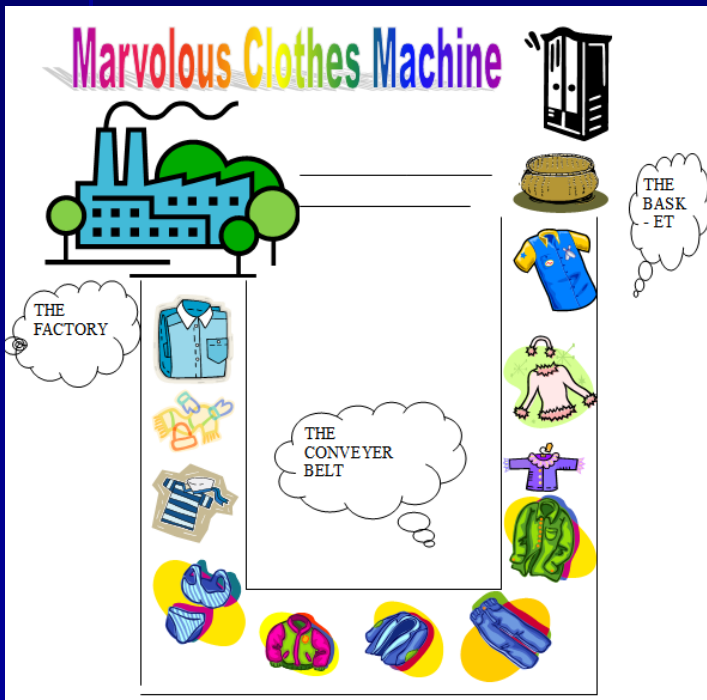
<http://www.pbs.org/wnet/nature/episodes/kalahari/introduction/2789/>
<http://www.africanews.com>
Here <http://encarta.msn.com/>
•http://encarta.msn.com/encyclopedia_761572628/Africa.html

Science

Art

Invention Unit 3rd Grade

Use software to invent something unique using digital images.



My Invention

Caleb

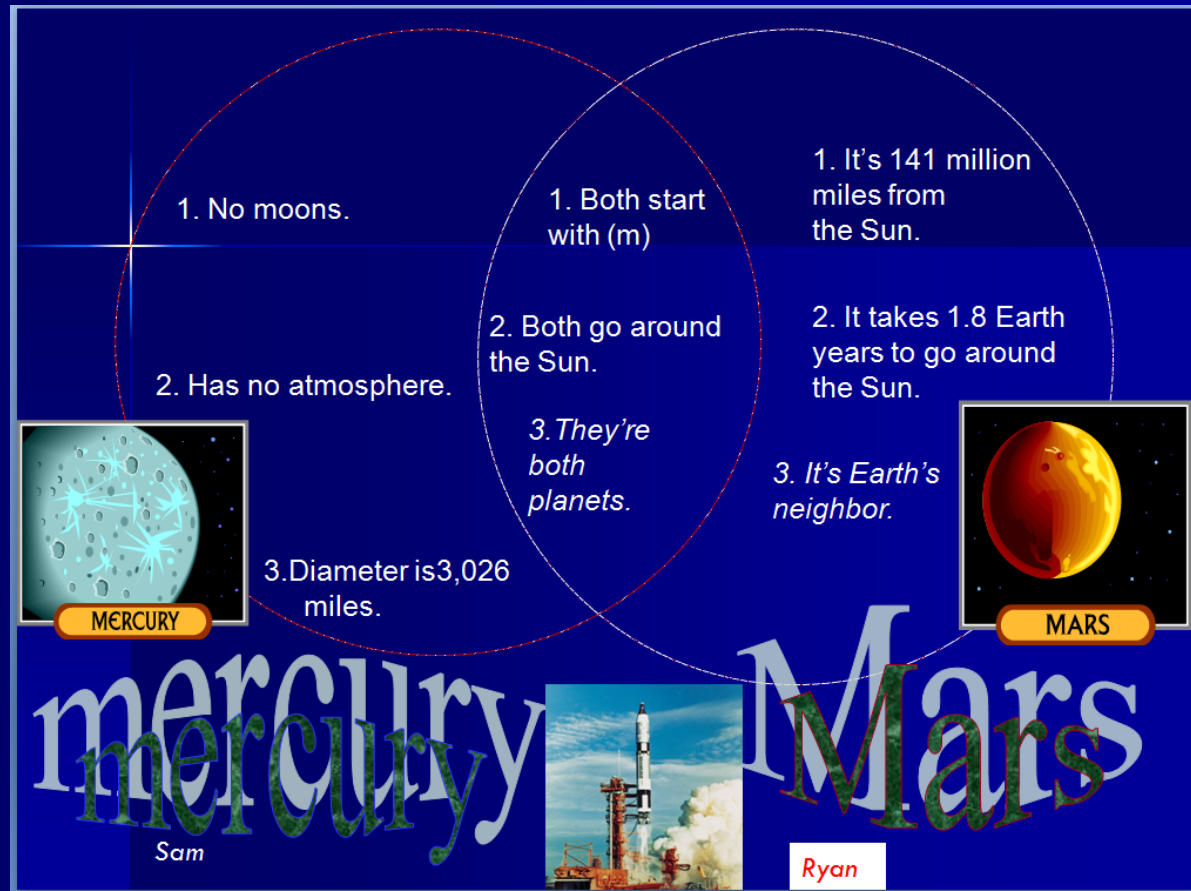


Science: Space Unit

3rd Grade

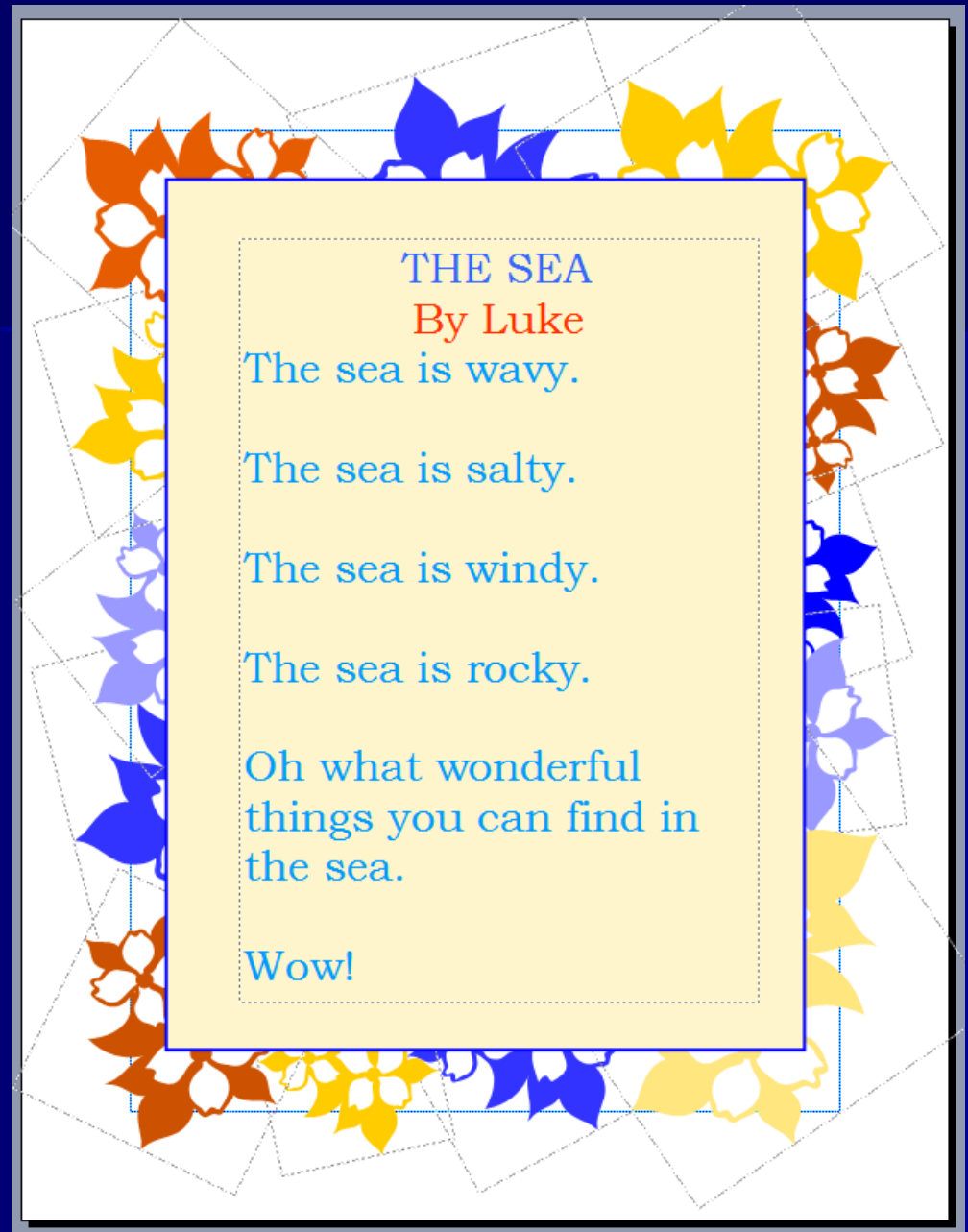
Research Process: Collaborative Learning Teams

Create a digital Venn Diagram to compare two planets



Literacy
Poetry, Art
2nd Grade

Compose an
original poem and
publish it using
design elements
from art.



Research Process

Create a digital collage of various gems. Warm up activity



babingtonite



Ruby



Sapphire



Gold opal



Cerussite



**Mexican
fire opal**



Turkey fat opal



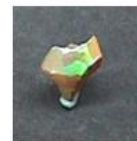
Dolomite



Lemon opal



Honey opal



Flash opal



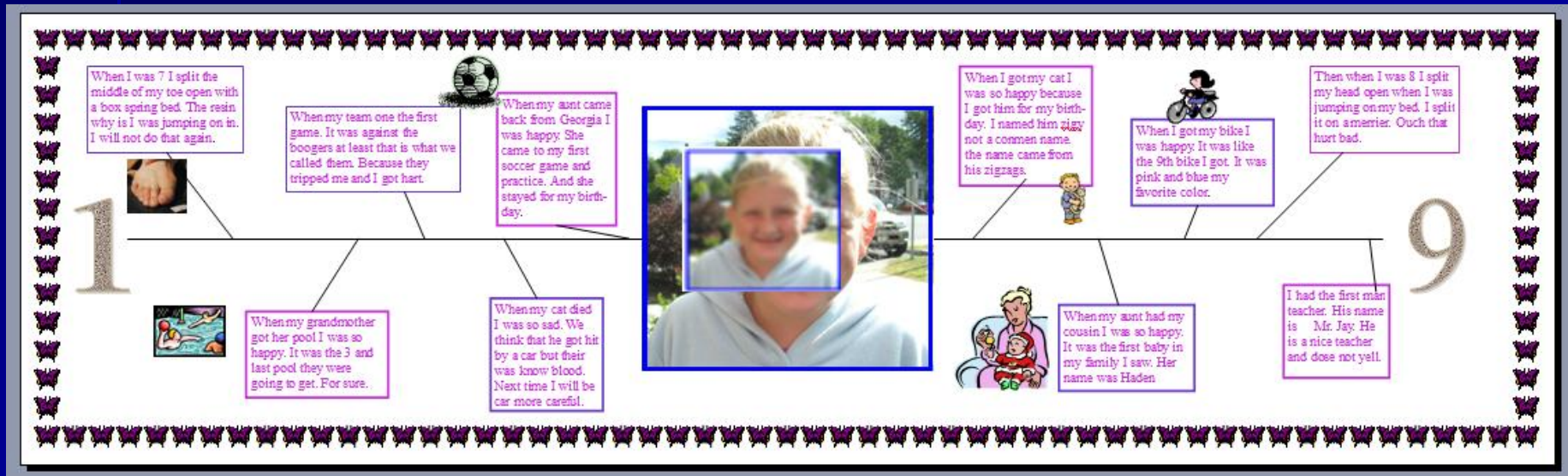
Black opal



**Boulder
opal**

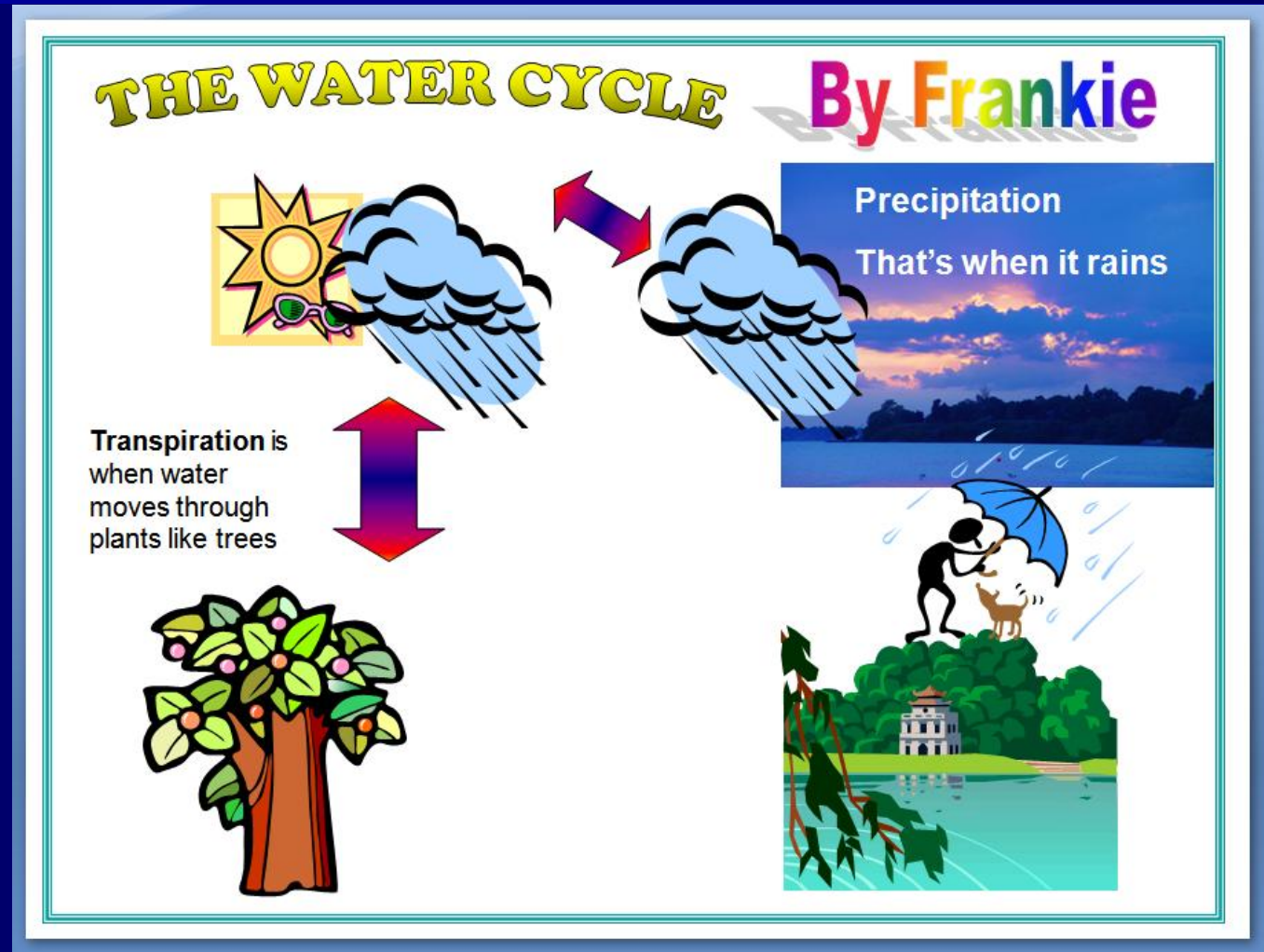
Social Studies

Interview family members about your life and create a digital timeline in chronological order as a gift to your family.



Research process

Use online resources to locate images and information about the water cycle, then create your own teaching poster



Social Studies

Community

2nd Grade

Use online resources to select a landmark in your community and create a page for a class book about South Portland.



Spring Point Lighthouse lies at the end of an enormous breakwater at the shore on beautiful Casco Bay. Peak's Island is in the background. Fort Preble in the foreground.

By Derek

