



6th Grade Family Newsletter

September 9, 2024

Upcoming Grade-Level Events

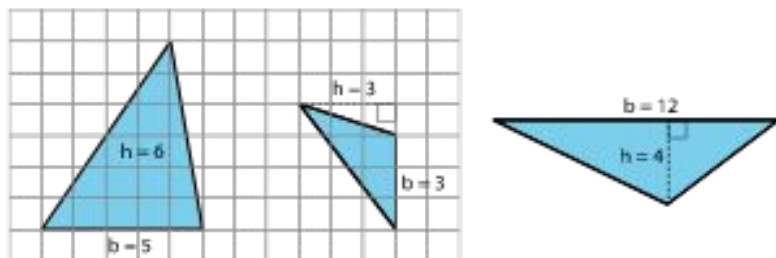
- September 24 - School Pictures
- No school Friday, September 27 for teacher's Professional Development Day
- Reflections Theme is "Accepting Imperfections..."
visit utahpta.org/ref for more info

Math

Focus: I can find the area of a parallelogram or triangle. (Unit 1)

The formula for the area of a triangle with base and height is $A = \frac{1}{2} b \times h$

A triangle takes up half of the area of a parallelogram with the same base and height.



Language Arts

Focus: I can use RACE when responding to text questions.

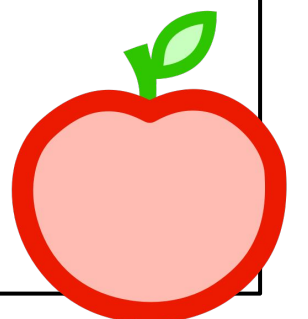
Example:

R- Restate the question

A- Answer all parts of the question

C- Cite text evidence to support your answer

E- Explain your citation



Science

Focus: I can use the Science Practices to DO Science.

'Research' and 'Defining Variables' are important steps to gain knowledge. We need to analyze and communicate our understanding with evidence.

Example:

ASK QUESTIONS AND DEFINE PROBLEMS <ul style="list-style-type: none"> Can I generate answerable questions? What do I know? What questions have not been answered? Will there be problems in my solution? 	PLAN AND CARRY OUT INVESTIGATIONS <ul style="list-style-type: none"> Identify questions to be investigated. Identify variables (change and controls) (same) Design and perform experiments to test my hypothesis. Decide what data will be collected? How much? What tools are needed? 	USE MATHEMATICS AND COMPUTATIONAL THINKING <ul style="list-style-type: none"> I can use mathematics to analyze my data. I can express relationships by using mathematical models and equations. I can use technology to collect and analyze data. I can use mathematical models to test my predictions and design. 	ENGAGE IN AN ARGUMENT FROM EVIDENCE <ul style="list-style-type: none"> I can defend my explanation. I can formulate evidence based on solid data. I can see the evidence and understand it. I can collaborate with my peers to figure out an explanation.
DEVELOP AND USE MODELS <ul style="list-style-type: none"> I can build models to understand and build concepts. I can use models to explain and predict behaviors of a system or test a design. I can change my models based off of evidence. 	ANALYZE AND INTERPRET DATA <ul style="list-style-type: none"> I can use tables and graphs to display and analyze data. I can recognize patterns and see relationships in my data. I can change my hypothesis if my data doesn't support it. I can analyze my design through a series of tests. 	CONSTRUCT EXPLANATIONS AND DESIGN SOLUTIONS <ul style="list-style-type: none"> I can evaluate information and form a hypothesis. I can construct explanations or models. I can design a variety of solutions to a problem. 	OBTAIN, EVALUATE, AND COMMUNICATE INFORMATION <ul style="list-style-type: none"> I can communicate findings clearly and persuasively. I can make meaning out of scientific text. I can engage in discussion with scientific peers. I can evaluate the validity of the findings of others.

Writing and Social Studies

Focus:

Writing: I can introduce a claim followed by three reasons, or pieces of evidence, in an argumentative piece of writing.

Example: All kids should wear school uniforms because they help with social inclusion, improve student focus on academics, and allow families to save money.

Social Studies : I can identify how features of geography influenced the settlement of early civilizations like Mesopotamia.



6th Grade Family Newsletter

Mission: Elk Meadows Falcons are growing to be resilient, lifelong learners.

Social Skill of the Month: I will be accountable for my actions

Date: October 2, 2023

Upcoming Grade-Level Events

- October 4-5 Student-led conferences
- October 5 school is dismissed at 12:55
- October 6 No School
- October 23 - 27 Fall Break
- October 31 is Halloween! 9:15 Thriller performance in the bowl; 9:30 parade
 - NO MASKS OR WEAPONS

Math

Focus: I can explain unit rate and solve real world problems.

Example: This recipe has a ratio of 4 cups of flour to 2 cups of sugar. What is the rate?

Answer: 2 cups of flour for each cup of sugar



Language Arts

Focus: I can explain how an author develops a character in a book. I can determine how that character changes throughout the novel.

Example: How has Percy Jackson changed as a character throughout the first four chapters of The Lightning Thief.

Science

Focus: I can develop and use a model of the Sun, Earth, and Moon system to describe the cyclic patterns of lunar phases, eclipses of the sun, eclipses of the moon, and seasons.

Example: Use a globe, golf ball and light source to model the cycle and pattern of moon phases, solar eclipses, and lunar eclipses.

Social Studies

Focus: I can understand how the Ancient Civilization of Egypt developed and flourished.

Example: Students can identify the physical features of Egypt and where specific areas flourished.

Writing

Focus: I can write a hook, background information and a claim in an introduction paragraph of an argumentative essay.



6th Grade Family Newsletter

Mission: Elk Meadows Falcons are growing to be resilient, lifelong learners.

Social Skill of the Month: I can practice GRIT.

Date: November 6, 2023

Upcoming Grade-Level Events

- November 13-17: CoGAt Assessment: 6th grade students will be taking a test for Middle School. Students need to be at school on these days, if possible.

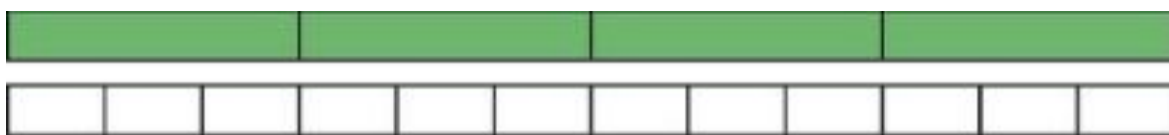


Math

Focus: I can do measurement in one unit and I can decide whether it takes more or less of a different unit to measure the same quantity.

Example: If we measure the same quantity with different units, it will take more of the smaller units and fewer of the larger unit to express the measurement.

For example, a room that measures 4 yards in length will measure 12 feet.



Social Studies/ Writing

Focus: I can analyze how early civilizations were influenced by characteristics such as Geography, Religion, Achievements, Politics, Economy and Social structure (G.R.A.P.E.S.)

Example: Greece's geographical location created independent city-states

Focus: I can write argumentative essays using a formal style

Formal Example: Schools should require P.E. every day to encourage student health, cooperation, and creativity.

Not a Formal Example: I'm going to write about why I believe schools should hold P.E. every day. I hope you agree with my reasons.

Science

Focus: I can describe the effect of gravity exerted by everything with mass. I can explain Newton's Laws and how they relate to the orbits of objects in solar systems.

Example: Gravity combined with inertia keeps us in orbit around the sun



Language Arts

Focus: I can explain how the theme in The Lightning Thief is connected to the themes in various ancient mythology.

Example: The theme of several Greek myths examine parent/child relationships. The Lightning Thief references these myths as it also develops its own theme exploring multiple parent/child relationships throughout the story.

Family Connection/Additional Information

- November 6-10: Book Fair is open this week during lunch and after school
- November 9: Parents & Pastries is Thursday from 7:30-9:00am (Book fair is open this morning)
- November 21: Early out
- November 22-24: Thanksgiving Break. There is no school.



6th Grade Family Newsletter

Mission: Elk Meadows Falcons are growing to be resilient, lifelong learners.

Social Skill of the Month:

Date: December 4, 2023

Upcoming Grade-Level Events

- December 12, 2023: 6th grade students will be taking the Growth Measure Reading Assessment. These scores will go to the Middle School to determine the appropriate language arts class for each student in 7th grade.

Math

Focus: I can use tape diagrams, double number lines, or equivalent ratios to solve percentage problems.

Example: The original price of a scarf is \$16. During a sale, a shopper saved \$12 on the scarf. What percentage discount did they receive?

The scarf was on sale for 75% off.

Social Studies/ Writing

Focus: I can explain how Greek religious beliefs impacted art and architecture

Example: The Acropolis, including the Parthenon, served not only as a fortress in Athens, but also as a gathering place for government and worship.

Focus: I can acknowledge an opposing viewpoint with a counter argument.

Example: Although Peter demonstrated tremendous courage in his actions, ultimately Annemarie proved to be the bravest character.

Science

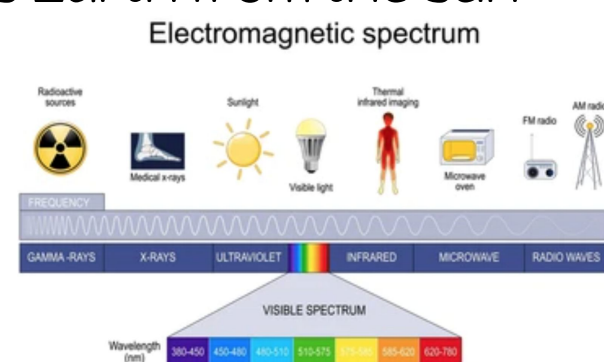
Focus: I can describe and explain the electromagnetic spectrum, atoms/periodic table, and the density of black holes..

Example:

The energy that reaches Earth from the sun arrives in many wavelengths.

We only see a small portion of that energy as visible light.

Black holes are so dense that light cannot escape,



Language Arts

Focus: I can explain how the theme in The Lightning Thief is connected to the themes in various ancient mythology.

Example: The theme of several Greek myths examine parent/child relationships. The Lightning Thief references these myths as it also develops it's own theme exploring multiple parent/child relationships throughout the story.

Family Connection/Additional Information

- Students can donate hats and gloves by putting them on the tree in the main office.
- December 15th will be our cold cereal box dominoes in the hallway!
- December 19, 9:15-10:45, Christmas Program (6th grade performs last)
- December 21 SHORT DAY; December 22 NO SCHOOL (students return January 3, 2024)



6th Grade Family Newsletter

Mission: Elk Meadows Falcons are growing to be resilient, lifelong learners.

Date: January 8, 2024



Grade-Level Events

- End of the Quarter is Friday, January 12, 2024
- No school on January 15th - Martin Luther King Jr. Day
- No school on January 16th - Grade Transmittal Day.
- **Check Skyward for grades January 17th** . No paper document will be sent home.
- Student water bottles need to have a lid that will stay on if tipped over or stepped on in the classroom. We want them to stay hydrated but we need to keep everyone safe.

Math

Focus: I can use division and multiplication to solve problems involving fractional lengths.

Example: A zookeeper is $6\frac{1}{4}$ feet tall. A young giraffe in his care is $9\frac{3}{8}$ feet tall.

Question: What fraction of the giraffe's height is the zookeeper's height?

Answer : The zookeeper's height is $\frac{2}{3}$ of the giraffe's height.

Language Arts

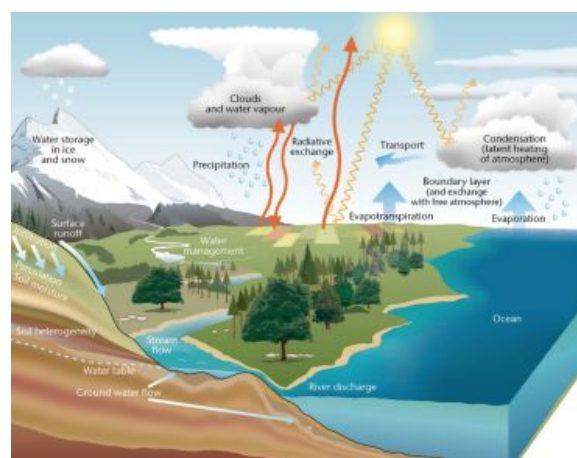
Focus: I can describe how a monologue is used to convey a theme.

Example: Students will do close reads of monologues that convey themes of adversity through the eyes of children. As they read, they will explore choices authors make to create their stories and convey these themes.

Science

Focus: I can explain how uneven heating across Earth's surface causes changes in density, which result in convection currents in water and air, creating patterns of atmospheric and oceanic circulation that determine regional and global climates.

Example : The energy from the sun drives the Hydrologic Cycle (water cycle).



Social Studies & Writing

Focus: I can explain how social structure impacted the political dynamic in Ancient Rome.

Example :

Focus: I can differentiate an informative text versus an argumentative text.

Example:

Family Connection/Additional Information

- Wear your Falcon shirt on Fridays to show your school spirit.
- Please ensure your student reads for 30 minutes a night.
- We are a no homework school, however, if your child isn't finishing their work during class, they need to bring it home to finish. Please check with your student daily to make sure those assignments are being completed.



6th Grade Family Newsletter

Mission: Elk Meadows Falcons are growing to be resilient, lifelong learners.

Date: February 5, 2024

Grade-Level Events



- Feb 9 - No school - District Health and Wellness Day
- Feb 12 - 16 Kindness Week
- The school is providing white bags for students to place valentines in. Please do not bring valentine boxes from home.
- Feb 14 - Christa McAuliffe Space Center Field Trip - Please don't be late. We plan to leave by 9am.
- Feb 21 & 22 - Parent Teacher Conferences

Math

When **adding or subtracting decimals**, it is important to line up the decimals before performing the operation.

Multiplying decimals requires us to multiply the numbers just like usual. Then, we count how many numbers are behind the decimals in our problem and move the decimal in our answer the same amount of place values.

When **dividing decimals**, we can't have a decimal in the divisor. We must move the decimal until we have a whole number. We must move the decimal an equal amount of spaces in the dividend as we did for the divisor. Then, time to divide! The decimal point in the quotient will be directly above the decimal point in the dividend.

Language Arts

Focus: I can analyze the author's purpose and define the central question that the author seeks to address.

Example: An author's purpose in communicating could be to instruct, persuade, inform, entertain, educate, excite, sadden, enlighten, punish, console, or many, many others. Like authors, audiences have varied purposes for reading, listening to, or otherwise appreciating pieces of communication.

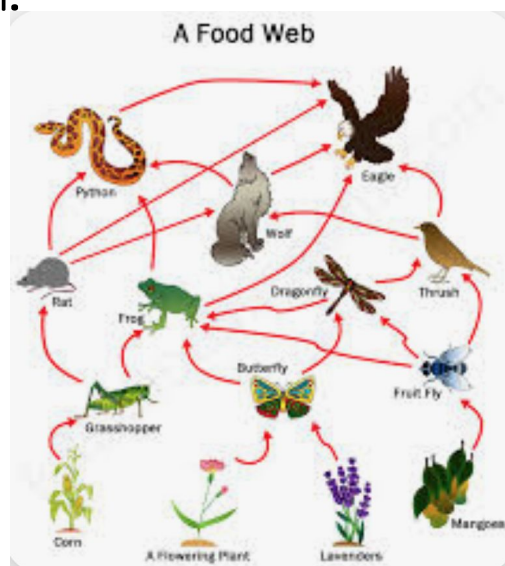
Science

Focus: I can explain the difference between weather and climate.

Also we will investigate the importance of biodiversity in an ecosystem.

Example :

What happens to an ecosystem when it loses a portion of its food web?



Social Studies & Writing

Focus: I can explain how social structure impacted the power dynamic in Ancient Rome.

Example : Social class (plebians, patricians), determined power and influence in Ancient Roman government

Focus: I can differentiate an informative text versus an argumentative text.

Example: Convey ideas on a topic with relevant facts, not opinions.

Family Connection/Additional Information

- When labeling valentines, have your child only put who it is from, so no individual gifts are given at school.
- Wear your Falcon shirt on Fridays to show your school spirit.
- Please ensure your student reads for 30 minutes a night.
- Students are welcome to bring any books or articles about their assigned national park to school for our informative essay research.



6th Grade Family Newsletter

Mission: Elk Meadows Falcons are growing to be resilient, lifelong learners.

Date: March 4, 2024

Grade-Level Events



- March 13: Field Trip to Hale Center
- March 13: Spring Pictures
- March 14: 8th Grade Honors Math Testing
- Students will be raiding recycling bins for clear 2 liter bottles and items to insulate the balsa wood houses we are building!

Math

Focus: I can write equivalent expressions by using the distributive property.

Example:

$$3(4a+b) = 12a + 3b$$

Social Studies/Writing

Focus: I can understand how and why systems of governance took steps toward self-rule during the post-classical period

Example: The rise of the merchant class, the Magna Carta and feudalism in Europe

Focus: I can write a works cited page to show I can use sources correctly when supporting my thesis

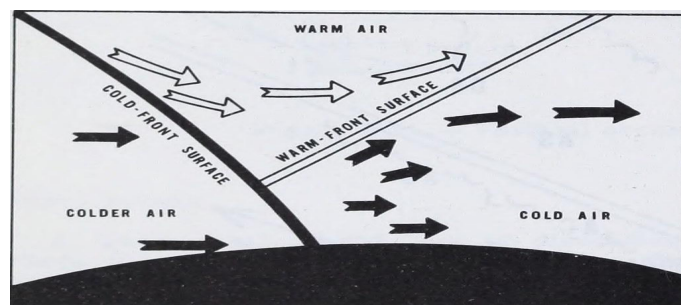
Example: "Nps.Gov Homepage (U.S. National Park Service)." *National Parks Service, U.S. Department of the Interior, nps.gov/*. Accessed Feb. 2024.

Science

Focus: I can describe the interactions between air masses that cause changes in weather conditions.

Example: Collect and analyze weather data to provide evidence for how air masses flow from regions of high pressure to low pressure causing a change in weather. Examples of data collection could include field observations, laboratory experiments, weather maps, or diagrams.

<https://scijinks.gov/weather-map/>



Language Arts

Focus: I can explain and elaborate on inferences I make in a text.

Example: The author includes the work between Curt and Jim to tell more about how the sneakers were carried on the current and to show that Jim's computer model, OSCURS, accurately predicted how the sneakers would float. This information is important to the author's central question because to study something like ocean currents and trash, it is helpful if scientists talk to each other because they can get a lot more information when they do.

Family Connection/Additional Information

- March 10: Daylight Savings "Spring Forward"
- March 22: Quarter Ends
- March 25: Grade Transmittal Day No School
- March 26-29: Spring Break
- Please ensure your student reads for 30 minutes each night.
- Wear your Falcon Shirts on Friday's.



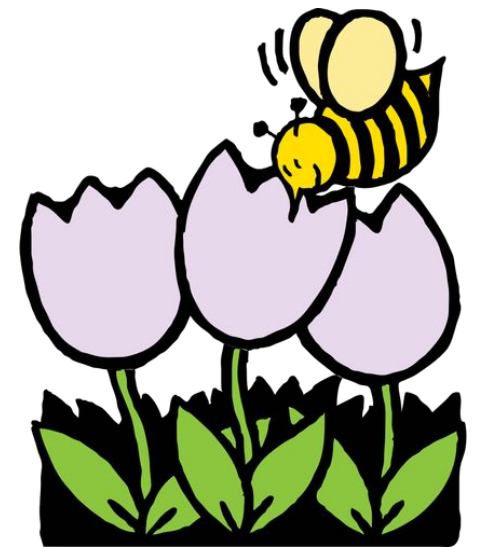
6th Grade Family Newsletter

Mission: Elk Meadows Falcons are growing to be resilient, lifelong learners.
Date: April 1, 2024

ELEMENTARY

Upcoming Grade-Level Events

- 4/03: Start of 4th quarter
- 4/12: No School for students, Teacher Professional Development
- 4/15 -04/19: Spring Book Fair
- 4/17: District Debate Tournament
- 4/18: Great Utah Shakeout
- 4/24: 6th grade panoramic picture
- 5/13: RISE Testing will begin



Math

Focus: I can use variables to represent numbers and write expressions when solving a real world or mathematical problem. I understand that a variable can represent an unknown number.

Example:

- 1.) $18 = 2x$
- 2.) $x + 4\% = 9$
- 3.) $2.17 + x = 5$
- 4.) $20/3 = 10/9 x$

Answers:
 1) 9 2.) 4 3.) 2.83 4.) 6

Language Arts

Focus: I can identify a text's central idea and supporting details.

Example: As we read the story, "Bodies From the Ash: Life and Death in Ancient Pompeii," what did you learn about life in Pompeii?

What text evidence explains how unprepared the people of Pompeii were when Vesuvius erupted?

What do we know today about volcanoes that people in ancient times did not?

Science

Focus: I know that matter and energy are fundamental components of the universe. Matter is anything that has mass and takes up space.

Example: To show that molecules are made of different kinds, proportions and quantities of atoms. Emphasize understanding that there are differences between atoms and molecules, and that certain combinations of atoms form specific molecules. Examples of simple molecules could include water (H₂O), atmospheric oxygen (O₂), and carbon dioxide (CO₂).

Social Studie/ Writing

Focus: I can describe how the conditions and motivations of exploration around the world connect to globalization

Example: From the 17th-20th centuries, the British Empire claimed land across the globe in the Americas, Africa, Europe & Asia. Almost 25% of the earth was under British control.

Focus: I can write narrative texts to develop real of imagined experiences or events

Family Connection/Additional Information

- 4/8 is the eclipse - please send your student to school with their glasses, if you did not already send them back. At Elk Meadows, the partial eclipse starts at 11:25am. The maximum partial eclipse is at 12:31. The partial eclipse ends at 1:40.
- 4/24- 4/26 are Papa Murphy's School Spirit Nights



6th Grade Family Newsletter

Mission: Elk Meadows Falcons are growing to be resilient, lifelong learners.

Date: May 6, 2024

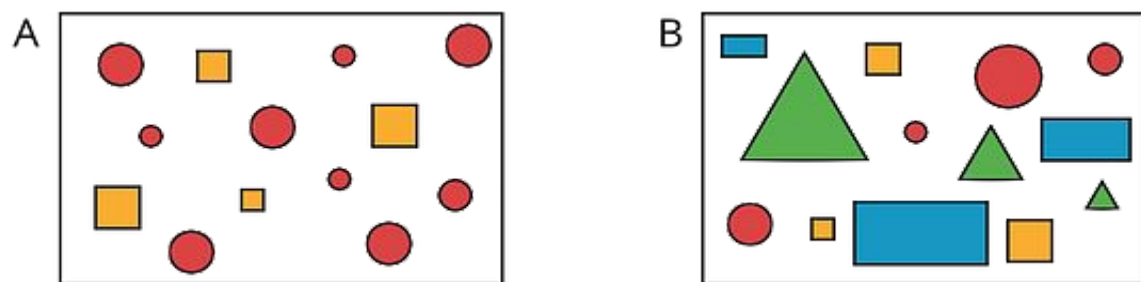
Upcoming Grade-Level Events

- **May 6-10:** Teacher Appreciation Week
- **May 14-16** Willy Wonka play
- **May 13:** RISE Testing begins
- **May 23:** Spring Orchestra Concert 2:30
- **May 27:** Memorial Day-No School
- **May 31:** Last Day of School!



Math

Focus: I can display numerical data in plots on a number line, including dot plots, histograms, and box plots.



Some data sets have more variability than others. Here are two sets of figures.

Set A has more figures with the same shape, color, or size. Set B shows more figures with different shapes, colors, or sizes, so set B has greater variability than set A.

Both numerical and categorical data can show variability. Numerical sets can contain different numbers, and categorical sets can contain different categories or types.

Language Arts

Focus: I can acquire and use general academic and domain-specific words and phrases and gather vocabulary knowledge for comprehension or expression.

Example: Students use context clues to complete each sentence with the correct vocabulary words.

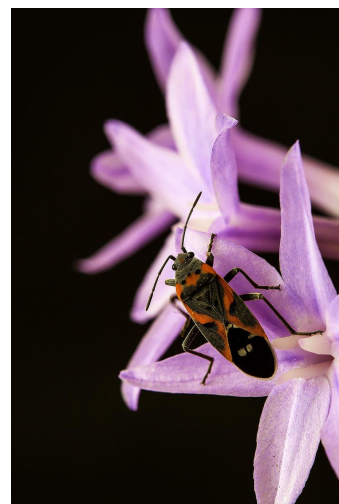
1. I do not give much _____ to superstitions like "seven years bad luck for breaking a mirror."
a. phobia b. creed c. credence d. credulous

Science

Focus: I can understand how ecosystems work and what they need to remain healthy. Students explore how changes to one part of the ecosystem affect others.

Example:

We will raise and observe milkweed bugs, worms, and fish in a supportive habitat to study ecosystems and population dynamics.



Social Studies and Writing

Focus: I can cite evidence to identify the causes and effects of World War 1

Example: The assassination of Archduke Franz Ferdinand, the alliance system, militarism, imperialism and nationalism all contributed to the start of WW1.

Focus: I can use dialogue and character development in narrative texts, for real or imagined experiences.

Example: I can place quotation marks around the part of a sentence that is spoken.

Family Connection/Additional Information

- May 28: Evacuation Safety Drill 2PM
- May 29: Field Day 9:30-11:30
- May 30: Chalk Art/Picnic Lunch
- May 3: Kickball Game with Teachers, 6th Grade Party, Last Day of School