



ELEMENTARY

6th Grade Family Newsletter

September 5, 2023

Upcoming Grade-Level Events

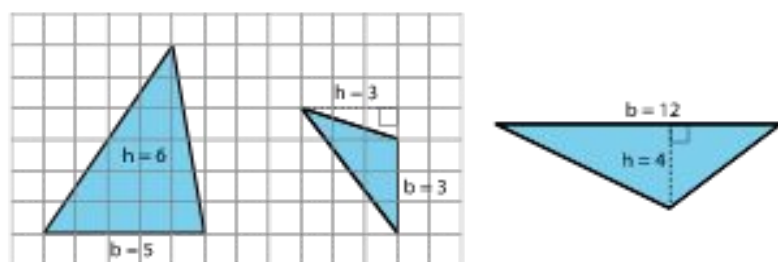
- September 19 - STEM Fest (The school district is getting busses for us!)
 - September 21 is a full day
 - No school Friday, September 22 for teacher's Professional Development Day
 - September 26 - School Pictures
 - September 27 - Elk Meadows School Carnival celebrating 25 years!
 - Reflections Theme is "I am hopeful because..."
- 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.

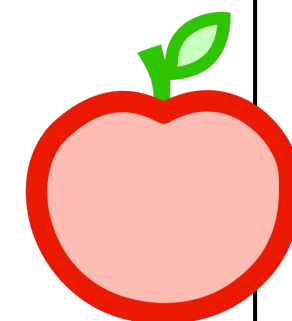


Language Arts

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

Example:

- R- Restate the question
- A- Answer all parts of the question
- C- Cite the text evidence to support your answer
- E- Explain your citation
- S- Summarize your information



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 writing 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 and organize reasons/evidence in argumentative writing.

Example: All kids should wear school uniforms, because school uniforms level the field socially and academically.

Social Studies: I can identify the features of a civilization.

