

Persuasive Writing, a study in Convincing

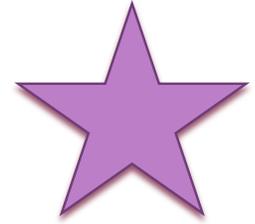
“Before” (in need of revision!)



<p>Essential Questions</p> <ul style="list-style-type: none">• What is persuasive writing?• What’s a good persuasive writing topic?	<p>Understandings</p> <ul style="list-style-type: none">• Students will understand how persuasive writing is different from narrative writing.• Students will understand that good persuasive writing makes sense.• Students will understand characteristics of persuading.
<p>Knowledge</p> <ul style="list-style-type: none">• <i>persuasive</i>• The difference between persuasive and narrative writing• Topics that make for good persuasive writing	<p>Skills</p> <ul style="list-style-type: none">• Be persuasive in writing.• Choose a topic.• Revise work.

Persuasion, a study in Powerful Language

“After” (possible makeover)



<p>Essential Questions</p> <ul style="list-style-type: none">• What makes for a good argument?• How can I get people to do what I want them to do, or think the way I want them to think?• What objections might my audience have? How might I address them?	<p>Understandings</p> <ul style="list-style-type: none">• Powerful persuasion builds arguments that consider and address others’ perspectives.• Powerful persuasion builds credibility through reason and evidence.
<p>Knowledge</p> <ul style="list-style-type: none">• Def of Persuasion (change someone’s thinking or action)• Ways to organize a persuasive argument• Key persuasive techniques• Traits of logical evidence and arguments	<p>Skills</p> <ul style="list-style-type: none">• Analyze characteristics of “good” and “bad” arguments around an issue• Employ sound reasoning and persuasive techniques to construct an argument• Cite relevant expert opinion to support an argument

Scale, a study in Drawing a Map

“Before” (in need of revision!)



Essential Questions

- What is scale?
- How can I use scale to draw a map?

Understandings

- What scale is and how to use it
- You need scale to draw a map that is accurate.

Knowledge

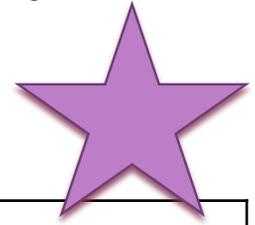
- Where to find scale on a map
- What scale means

Skills

- Make a map.
- Identify the scale of a map.
- Ratio

Scale Drawings, a study in Communication and Relationships

“After” (possible makeover)



<p>Essential Question</p> <ul style="list-style-type: none">• Why do we need scale to communicate?• What changes when we communicate using scale? What stays the same?• How can the size or distance of something be represented? How accurate does it need to be?	<p>Understanding</p> <ul style="list-style-type: none">• Scale expresses BOTH changed measurements AND unchanged relationships• Scale helps communicate size and distance accurately and efficiently.• Scale is used when the “real” size isn’t possible or necessary.
<p>Knowledge</p> <ul style="list-style-type: none">• Scale: the relative size of something• Scale drawing: a drawing of an object in which all parts are drawn to the same scale• Ratio (def, use, ex)	<p>Skills</p> <ul style="list-style-type: none">• Analyze scenarios to determine need for and appropriate use of scale• Draft a plan for a scale drawing.• Make a scale drawing of a place.• Measure to the nearest foot.

Butterflies, a study in Living Things

“Before” (in need of revision!)



Essential Questions

- What is a butterfly?
- How does larva become a butterfly?

Understandings

- The life cycle of a butterfly is egg, larva, pupa, and adult.
- Butterflies experience metamorphosis.

Knowledge

- Butterfly, moth, larva, pupa, metamorphosis

Skills

- Do an experiment.
- Watch butterflies.
- Record observations in notebook.

Butterflies, a study in How Living Things Change Through Cycles



“After” (possible makeover)

Essential Questions <ul style="list-style-type: none">• How do living things change?• What’s predictable about how living things change?• What’s similar about the changes and change cycles of living things? What’s different?	Understandings <ul style="list-style-type: none">• All living things experience change• All living things experience change in cycles.• The nature of the change/cycle depends upon the living thing’s traits
Knowledge <ul style="list-style-type: none">• Definitions of “change” & “cycle”• Stages of the life cycle of a butterfly (butterfly, larva, pupa, metamorphosis)• Stages of the life cycle of a tadpole/frog	Skills <ul style="list-style-type: none">• Make, organize, and record accurate observations.• Analyze the changes in the structure and behavior of living things over time.• Compare and contrast living things

We Care for the Earth, a study in Going Green

“Before” (in need of revision!)



Essential Questions <ul style="list-style-type: none">• How can I help the Earth?• What’s good to recycle?• What does it mean to “go green”?	Understandings <ul style="list-style-type: none">• Understand how to help the Earth.• Helping the Earth is a choice.• Some products are bad for the Earth.
Knowledge <ul style="list-style-type: none">• organic, recycle, pollution, “green”• Ways our school helps the Earth.	Skills <ul style="list-style-type: none">• Learn how to recycle.• Create a poster about how to help the Earth.• Think about how the Earth can be helped.

We Care for the Earth, a study in Responsibility & Conservation

“After” (possible makeover)



<p>Essential Questions</p> <ul style="list-style-type: none">• Who’s responsible for taking care of the Earth? (Won’t the Earth take care of itself?)• What can we do with “waste”? What can we do to prevent it?	<p>Understandings</p> <ul style="list-style-type: none">• <i>Everyone</i> is responsible for taking care of the Earth.• Conserving natural resources helps maintain the balance of nature, improve the quality of life, and preserve the Earth for future generations.• We can find ways to take care of the Earth at home, at school, and in our community.
<p>Knowledge</p> <ul style="list-style-type: none">• Terms: conservation, natural resources, recycling, pollution, “green”	<p>Skills</p> <ul style="list-style-type: none">• Explain why taking care of the Earth is important.• Analyze problems and develop solutions for prevent and handling “waste”.• Create a personal action plan for helping to take care of the Earth.

Cell Structure, a study in Biology

“Before” (in need of revision!)



<p>Essential Questions</p> <ul style="list-style-type: none">• What are the parts of a cell?• What kinds of cells are there?	<p>Understandings</p> <ul style="list-style-type: none">• Cells are the building blocks of all living things• Cells have many parts.
<p>Knowledge</p> <ul style="list-style-type: none">• Parts of a cell (e.g., mitochondria, cell membrane, ribosomes, ER)• Characteristics of prokaryotic and eukaryotic cells• Diffusion, osmosis, active transport	<p>Skills</p> <ul style="list-style-type: none">• Make a model of the parts of a cell• Demonstrate osmosis, diffusion, and active transport• Appreciate the importance of cells

Cell Structure, a study in *Systems* and *Survival*

“After” (possible makeover)



<p>Essential Question</p> <ul style="list-style-type: none">• How does each part of the cell contribute to the cell’s <i>survival</i>?•What happens to the cell if one of its parts malfunctions?•What role does balance play in a cell’s/organism’s <i>survival</i>?	<p>Understanding</p> <ul style="list-style-type: none">•The survival of a <i>system</i> depends upon the successful operation of each of its interdependent parts.•Change to one part of a <i>system</i> results in change to the rest of the <i>system</i>.•<i>Systems</i> strive to achieve and maintain balance.
<p>Knowledge</p> <ul style="list-style-type: none">• Parts of a cell (e.g., mitochondria, cell membrane, ribosomes, ER)• Characteristics of prokaryotic and eukaryotic cells• Diffusion, osmosis, active transport	<p>Skills</p> <ul style="list-style-type: none">•Analyze cell system to determine cause and effect relationships within cell make up, structure, and function•Analyze interdependence among parts•Evaluate the role of balance in cell survival and the structures/functions in place to maintain balance

Pocahontas, a study in History

“Before” (in need of revision!)



Essential Questions

- How did Pocahontas help the US settlers?
- How did Pocahontas help the Jamestown Settlement?

Understanding

- Pocahontas was important
- How Pocahontas helped the Jamestown settlement

Knowledge

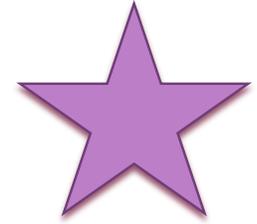
- Contributions of Pocahontas
- Details of Jamestown settlement

Skills

- Read stories about Pocahontas
- Make a poster about your favorite thing about Pocahontas
- Watch a video about Pocahontas

Fact Vs. Fiction, a study in Purpose

“After” (possible makeover)



<p>Essential Questions</p> <ul style="list-style-type: none">• How did Pocahontas make a difference in our world?• What character traits did Pocahontas possess that helped her make a difference?• How can I make a difference in my world/community?• How can I distinguish fact from fiction?	<p>Understanding</p> <ul style="list-style-type: none">• We all have <i>purpose</i>; even one person can change his/her world• Authors use fact and fiction for different <i>purposes</i>
<p>Knowledge</p> <ul style="list-style-type: none">• Distinguishing characteristics of fact and fiction• Contributions of Pocahontas• Details of Jamestown settlement	<p>Skills</p> <ul style="list-style-type: none">• Distinguish fact from fiction in literature, media, and life• Analyze texts/media to glean facts• Discuss the contributions Pocahontas made to the Jamestown settlement• Describe using facts and fiction

The Mid-Atlantic, a study in Geography

“Before” (in need of revision!)



Essential Questions

- Where is the Mid-Atlantic?
- How many states are in the Mid-Atlantic?
- Who lives in the Mid-Atlantic?

Understanding

- The Mid-Atlantic is in the middle eastern section of the U.S.
- Different kinds of people live in the Mid-Atlantic.
- The Mid-Atlantic has many resources.

Knowledge

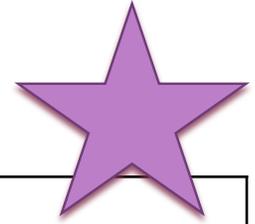
- The capitals of all the Mid-Atlantic states
- The names and abbreviations of all Mid-Atlantic states
- Major rivers of the Atlantic

Skills

- Complete a map of the Mid-Atlantic.
- Take a virtual tour of the Mid-Atlantic.
- Make a poster to convince someone to move to the Mid-Atlantic.

The Mid-Atlantic, a study in Regions

“After” (possible makeover)



Essential Questions

- What makes the Mid-Atlantic a region?
- How are those who live in Mid-Atlantic states similar to and unique from people who live in other U.S. regions?
- What causes these sim/diff?

Understanding

- A region is made distinct through both natural and human forces.
- We can learn to appreciate people who live in different places by studying the similarities and differences between regions.

Knowledge

- Definition of a “region”
- Characteristics of the Mid-Atlantic region (and other U.S. regions)
- Attributes of the culture and economy of the Mid-Atlantic

Skills

- Describe the physical, cultural, and economic characteristics of the Mid-Atlantic.
- Compare these characteristics to those of other regions
- Analyze how the physical characteristics of a region affect human behavior.