

Yearlong Theme Title: Camping Out and Uncovering Connections

*A system is a group of things that make connections to form a coherent whole. *A successful system has an interrelating group of elements (parts) that work together for a common purpose.

*The performance of one part of the system is dependent on the performance of the other parts of the system. *Excellent results can only be achieved if all elements of the system are working together in harmony.

	Trimester 1		Trimester 2		Trimester 3
Components	<p style="text-align: center;">Pack your Bags Preparing for the Journey Together (First Month)</p>	<p style="text-align: center;">Using our Binoculars to Make Observations (Component One)</p>	<p style="text-align: center;">Campers Unite! Interconnections are all around us (Component Two)</p>	<p style="text-align: center;">Hiking in their Shoes to Gain Perspective (Component Three)</p>	<p style="text-align: center;">Sharing Around the Campfire to Empathize and Reflect (Component Four)</p>
Guiding Questions	<p style="text-align: center;">How does learning about the journey's of others help us prepare for our own camping journey across the United States?</p>	<p style="text-align: center;">How can we use our "binoculars" to "zoom in" and make detailed observations? How can we successfully record these observations to support our study of content knowledge and Interconnectedness?</p>	<p style="text-align: center;">What does "making connections" mean to you? What is a system? Why do systems and connections go hand in hand? Why do we need to learn to work together <u>in harmony</u> on our camping journey? Theme music: We are All Connected (Lion King)</p>	<p style="text-align: center;">How can "hiking in the shoes of others" provide a way to make personal connections to our learning, but also make connections across content areas? What camp activities can further help immerse us and connect us to our curriculum?</p>	<p style="text-align: center;">Why is it important to write and share stories about our journeys? How can these stories help us reflect on our own experiences, but moreso, connect us to the experiences of others?</p>
ELA	<p style="text-align: center;"><u>MyView Unit: Journeys</u> How do journeys change us? Wk 1: Poetry Collection Wk 2: Picturesque Journeys Wk 3: Pedro's Journal Wk 4: The Path to Paper Son Wk 5: Life on Earth - and Beyond</p>	<p style="text-align: center;"><u>MyView Unit: Observations</u> How do we learn through observations? Wk 1: Far from Shore Wk 2: A Place for Frogs Wk3: Tracking Monsters Wk 4: Let Wild Animals be Wild</p>	<p style="text-align: center;"><u>MyView Unit: Systems</u> Why are elements of systems important & how can they change? Wk 1: Earth's Water Cycle Wk 2: Rocks and Fossils Wk 3: Let's Talk Trash Wk 4: People Should Manage Nature Into the Volcano: A Researcher at Work</p>	<p style="text-align: center;"><u>MyView Unit: Liberty</u> What does it mean to be free? Wk 1: Keeping Mr. John Holton Alive Wk 2: The Scarlet Stockings Spy Wk 3: The Bill of Rights Wk 4: Destructive Justice Wk 5: Ezekiel Johnson Goes West</p>	<p style="text-align: center;"><u>MyView Unit: Reflection</u> How do the experiences of others reflect our own? Wk 1: Love, Amalia Wk 2: A Pet for Calvin Wk 3: The Carp and the Hermit Thrush Wk 4: Poetry Collection Wk 5: Life and Art</p>
Science	<p style="text-align: center;"><u>Living Systems</u> <u>Systems</u> How does matter and energy move through ecosystems of the biosphere? <u>Health</u> First Aid Facts Central Nervous System</p>	<p style="text-align: center;"><u>Living Systems</u> <u>Nutrition Systems</u> What is food, where does it come from, and how do organisms use it? <u>Transport Systems</u> How do plants and animals get nutrients to all of their cells? <u>Sensory Systems</u> How do animal sensory systems function in the biosphere? <u>Health</u> You Are What You Eat Love Your Lungs!</p>	<p style="text-align: center;"><u>Earth & Sun</u> <u>Planetary Systems</u> What do we see outside our system? <u>Water Systems</u> How is water distributed over Earth's surface and atmosphere, how does it move, and what is the effect on Earth? <u>Health</u> Those Crazy, Mixed up Emotions Danger Ahead: The Truth About Drugs</p>	<p style="text-align: center;"><u>Mixtures & Solutions</u> <u>Separating Mixtures</u> What happens when two or more samples of materials are combined? <u>Developing Models</u> What is the best way to explain a phenomenon for which you have incomplete information? <u>Health</u> About Blood and Disease All the Right Stuff</p>	<p style="text-align: center;"><u>Mixtures & Solutions</u> <u>Concentration</u> How can solutions made with the same substances be distinguished one from another? <u>Reaching Saturation</u> How can the property of solubility be used to identify a substance? <u>Health</u> Bones and Muscles Growing Up</p>

Social Studies	<p>Classroom Community: We will learn about class community, growth mindset, and HEART Skills.</p> <p>Geography Skills: Students will study the five themes of geography (location, place, human/ environment interaction, movement, and region) and learn about the 5 regions and the 50 U.S. States.</p>	<p>Ancient American Civilizations and Native Americans:</p> <p>Students will learn about the natural resources used by American Indigenous groups and varied systems they put into place in order to survive.</p>	<p>Age of Exploration and Settling the Colonies in North America:</p> <p>Students will learn about European explorers who settled in places that were new and will explore what European Settlement looked like for a variety of groups in North America.</p>	<p>The American Revolution: Students will explore the events before, during, and after the Revolution.</p> <p>Life in the Young Republic: Students will learn about the first presidents, the Louisiana Purchase, and the growth of the new nation.</p> <p>Civil War & Reconstruction: Students will explore life before, during, and after the Civil War.</p> <p>Expanding West/Oregon Trail: Students will learn about America's expansion west and the impact on Native Americans.</p>	<p>Culminating Project (See PBL Section) In collaborative groups, students will work on a summer camp project. This yearlong thematic project will culminate with the construction of a scaled model summer camp. Within this project students will demonstrate content knowledge in ELA, Math, Science, Social Studies (including the States), and Health. The project will explore the overarching theme of interrelations/connections between science, history, nature, and the human experience.</p>
Writing	<p>Personal Narrative Students will develop a personal narrative story that has a journey theme. Students will develop the introduction, middle, and conclusion to their personal narrative. Students will develop skills to improve their craft of their narrative. Students will publish their personal narrative pieces.</p>	<p>Poetry Students will write poems that illustrate concepts of systems, interrelations, making connections, and working in harmony. Poems will include elements of rhythm, sound effects, text structure, and figurative language.</p>	<p>Informational Text Students will write informational texts demonstrating content knowledge of European Settlement in the 13 Colonies. Students will also research the natural resources within each geographical location (including living and non living things). Students will write an introduction, supporting details, and a conclusion.</p>	<p>Science Fiction / Historical Fiction Students will write and perform a Science Fiction/Historical Fiction Play, Puppet Show, or Campfire story. The plot will include the concept of <u>time travel</u> into the past. Students will develop characters, setting, conflict, resolution, and dialogue for their piece. The overlying theme of each piece will be "freedom or liberty, and will teach their audience about history in a fun way.</p>	<p>Opinion Writing Students will organize and plan an opinion essay with a reflection component. Students will develop their opinion, provide supporting reasons, and use technology to publish their opinion essay. Students will share their work around the campfire.</p>
Math	<p>Unit 1: Math Is Analyzing math in the world, finding patterns in the world around us, and creating a positive relationship with math.</p> <p>Unit 2: Volume Understanding volume of composite figures and solving problems involving volume.</p>	<p>Unit 3: Place Value and Number Relationships Students can extend place value to decimals. Students can compare, round, read, and write decimals to thousandths.</p> <p>Unit 4: Add and Subtract Decimals Students can represent addition and subtraction of decimals to hundredths. Students can learn strategies for adding/subtracting decimals.</p> <p>Unit 5: Multiply Multi-Digit Whole Numbers Students can understand powers and exponents. Students can estimate and solve multi-digit factors.</p>	<p>Unit 6: Multiply Decimals Students can multiply decimals by powers of 10. Students can solve multiplication of decimal problems and explain strategies.</p> <p>Unit 7: Divide Whole Numbers Students can Represent division of 2-digit divisors and solve problems involving division.</p> <p>Unit 8: Divide Decimals Students can divide decimals with powers of 10. Students can divide decimals by whole numbers and whole numbers by decimals. Students can Divide decimals by decimals.</p>	<p>Unit 9: Add and Subtract Fractions Students can add and subtract fractions with like and unlike denominators. Students can solve problems involving fractions and mixed numbers.</p> <p>Unit 10: Multiply Fractions Students can multiply fractions and mixed numbers by each other and solve problems involving fractions.</p> <p>Unit 11: Divide Fractions Students can solve problems involving division of fractions.</p>	<p>Unit 12: Measurement and Data Students can convert customary units and metric units. Students can represent measurement data on a line plot.</p> <p>Unit 13: Geometry Students can understand the coordinate plane and classify triangles and quadrilaterals based on their properties.</p> <p>Unit 14: Algebraic Thinking Students can write, interpret and evaluate numerical expressions.</p>

Collaborative Thematic Project: Design and Build a Summer Camp

- Your group will be assigned a region of the United States
- The location of your group's Summer Camp will be at a national park of choice within that region
- Your group will use H.E.A.R.T skills while collaborating and brainstorming ideas for your summer camp
- Your group will use fifth grade math skills to plan and design a blueprint of your summer camp (and later build a to-scale model)
- Your group will design a summer camp curriculum that will teach about:
 - The geography of your region, including information about the states within that region
 - The Systems found within your group's region (for example, systems put into place by Indigenous groups from that region, water systems, ecosystems, living systems, government systems, etc.)
 - The Historical Events (from our Social Studies curriculum) that took place in your group's region (time machine themed puppet show, plays, campfire stories)
- Your group will design camp activities that demonstrate the theme of connections/interrelationships (For example, making a dream catcher could illustrate that all of the threads are connected, and if one breaks, the dream catcher will not stay intact)
- You will reflect your process of learning and the outcome of your project
- Extension: Your group will use math skills to plan a budget for the summer camp