

Adams 12 Five Star Schools Fourth Grade Curriculum Year At A Glance

Reading Unit	Unit 0: Review and Routines	Unit 1: Observing Nature	Unit 2: Characters' Actions and Reactions	Unit 3: Government in Action	Unit 4: Understanding Different POV	Unit 5: Tech for Tomorrow	Unit 6: Confronting Challenges	Unit 7: The Transcontinental Railroad	Unit 8: Earth Changes	Unit 9: Resources and their Impact	Unit 10: The Power of Electricity
Essential Question		How do we respond to nature?	How do we reveal ourselves to others?	How can government influence the way we live?	What do we learn when look at the world through the eyes of others?	How do we make decisions about developing new technology?	How do we overcome obstacles?	How do communities evolve?	How do Earth's natural processes impact our lives?	How does access to resources influence people's lives?	Where do scientific discoveries lead us?
Focus Standards for Comprehension	Routines of an effective literacy classroom Foster independent thinking and reading	RI 4.2 RL 4.2 RL 4.5 RL 4.6 RI 4.9 RL 4.9	RL 4.2 RL 4.3 RL 4.7 RL 4.9	RI 4.1 RI 4.2 RI 4.3 RI 4.5 RI 4.7 RI 4.9	RL 4.1 RL 4.2 RL 4.6 RL 4.9	RI 4.2 RI 4.3 RI 4.5 RI 4.8 RI 4.9	RL 4.2 RL 4.3 RL 4.5 RL 4.9	RI 4.1 RI 4.3 RI 4.5 RI 4.7 RI 4.8 RI 4.9	RI 4.1 RI 4.2 RI 4.5 RI 4.6 RI 4.7 RI 4.9	RI 4.2 RL 4.2 RI 4.5 RL 4.5 RI 4.8 RI 4.9	RI 4.2 RI 4.3 RI 4.7 RI 4.8 RI 4.9

Writing Units	Launching Writing Workshop Narrative	Information Writing	Opinion Writing	Research Writing	Opinion Writing Using Text-Based Evidence	Narrative Writing
	Students will write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.	Students will write informative or explanatory texts to examine a topic and convey ideas and information clearly.	Students will write an opinion piece on topics supporting a point of view with reasons and information in which they introduce the topic clearly, state an opinion and create an organizational structure in which related ideas are grouped to support the writer's purpose.	Students will recall relevant information and conduct short research projects to gather information from print and digital sources, take notes, and categorize information in order to write informative or explanatory texts to examine a topic and convey ideas and information clearly; provide a list of sources used.	Students will read several texts on a debatable topic, form an opinion and write an opinion piece on topics supporting a point of view with reasons and information in which they introduce the topic clearly, state an opinion and create an organizational structure in which related ideas are grouped to support the writer's purpose.	Students will write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.

Science & Social Studies Units	Introduction Unit: Tools of the Trade	Colorado Government	Structure and Function of Organisms	Fossils and Rock Layers	Native Peoples	Earth's Changing Surface	Spanish and American Explorers
Summary Statement	This unit is meant to be a preview of the use of primary sources, secondary sources, and geographic tools.	A study of the organization of the Colorado government.	A study of the structures and functions of the major systems to understand their interdependence and relationships.	A study of environments and living organisms through an investigation of fossils and rock layers.	A study of native peoples within Colorado prior to the nineteenth century.	A study of the interaction of Earth's systems with a focus on the forces/processes that constantly change Earth's surface, resulting in patterns that can influence human activity.	A study of early settlement and exploration in Colorado.

Trappers, Traders, and Miners	Settlements Leading to Statehood	Energy Transformations and Communication	Modern History of Colorado	Speed and Collision	Investigating Modern Issues	Personal Financial Literacy
A study of the early economic pull factors that led people to Colorado.	A study of early Colorado settlements resulting in cultural conflicts and how these settlements led to statehood.	A study of the forms and transformations of energy	A study of the historical connections between national events and Colorado events.	A study of how speed and energy are related, and how energy transfers in collisions.	A study of how modern Coloradans make choices in response to geographic, economic and political circumstances.	A study of the relationship between choice and opportunity cost.

Math Units	Place Value; Multidigit Addition and Subtraction	Multiplication and Geometry	Fractions and Decimals	Multidigit Multiplication	Fraction and Mixed-number Computation; Measurement	Division; Angles	Multiplication of a Fraction by a Whole Number; Measurement	Fraction Operations; Applications
Summary Statement	The study and exploration of place value concepts and their relationships to rounding, estimation, and multi-digit	The study of the composition and decomposition of number, shape and time through abstract and quantitative	The study of the comparisons and equivalencies of fractions (and Decimals) <i>through area, number line and</i>	The study of multi-digit multiplication through conceptual reasoning, concrete models, application and multiplicative	The study of fractional values as compared to the whole and the computation of fractions and mixed numbers through	The study of the relationship between multiplication and division and the exploration of angles measures <i>through the</i>	The study of fractions as multiples of unit fractions and the multiplication and application of fractions to wholes <i>through the</i>	The study of fractions, number concepts, patterns, and geometry in real-world scenarios <i>through the lens of making sense of</i>

	<i>algorithms through the lens of making use of structure and reasoning abstractly and quantitatively.</i>	<i>models through the lens of making use of structure and precise language.</i>	<i>symbolic models through the lens of constructing viable arguments and real life models.</i>	<i>algorithms through the lens of perseverance and making use of structure.</i>	<i>conceptual understanding; The study of angle measures through the lens of appropriate tools and reasoning abstractly and quantitatively.</i>	<i>lens of using appropriate tools and making use of structure.</i>	<i>lens of reasoning abstractly and quantitatively and repeated reasoning.</i>	<i>problems and persevering in solving them and modeling with mathematics.</i>
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