

## Grade 6 Level IV Essential Standards

### Quarter 1 (September 8 – October 30)

The standards listed below represent the most critical content chosen for the Return to School plan for the unique 2020-21 school year. Focusing on these Essential Standards allows teachers to make the most out of the time they have with your child. **The standards for the four core content areas and for the extended AAP Level IV standards** have been carefully chosen to guide teachers as they plan for instruction and support your child’s learning. Your student’s mastery of these selected standards will be assessed during the 2020-21 school year.

### Level IV: Language Arts (Reading and Writing)

#### Quarter 1 Interdisciplinary Level IV Unit (September 8-October 30; 8 weeks total)

##### AAP Level IV Extended Standards:

- Identify a concept or “Big Idea” that supports interdisciplinary connections., e.g change, systems, relationships.*
- Lead and contribute to discussions with others across content areas and in seminars.*
- Analyze fiction, poetry, and nonfiction texts.*
- Use a variety of strategies including determining importance, making inferences, drawing conclusions, and considering multiple perspectives.*
- Analyze literature through the lens of a concept.*
- Use technology, including the internet, to gather information from authoritative print and digital sources.*
- Assess the strengths and limitations of sources in terms of organization, language, format, purpose, and audience.*

### Level IV: Advanced Math

#### The Rational Number System (September 8-October XX; 4 weeks total)

- Compare and order rational numbers (non-calculator skill).
- Solve practical problems involving operations with rational numbers

#### Proportions and Linear Relationships (October XX-Month XX; XX weeks total)

- Solve single-step and multistep practical problems, using proportional reasoning.

### Science

#### Astronomy: (September 8-October 9; 5 weeks total)

##### Demonstrate an understanding of scientific and engineering practices by:

- Developing and using models
- Interpreting, analyzing, and evaluating data

##### Investigate and understand that:

- The solar system is organized and the various bodies in the solar system interact
- Planets have different sizes and orbit at different distances from the sun

- There is a relationship between the sun, Earth, and the moon
- The rotation of Earth in relationship to the sun causes day and night
- The movement of Earth and the moon in relationship to the sun causes phases of the moon
- Matter is distributed throughout the solar system
- Planets have different sizes and orbit at different distances from the sun
- Earth's tilt as it revolves around the sun causes the seasons

**AAP Level IV Extended Standards:**

- ❑ *Understand Earth's patterns, cycles, changes, and Earth and Space Systems.*
- ❑ *Describe the patterns, cycles, and changes that emerge as a result of the positions of the Earth, moon, and the sun*
- ❑ *Analyze the strengths and limitations of models*
- ❑ *Demonstrate how given systems interact with each other*
- ❑ *Understand the various elements within a system and evaluate the interdependence of each element within the system*
- ❑ *Evaluate historical scientific discoveries and their impact on modern day society*

**Astronomy (October 12 -October 30; 3 weeks total)**

**Demonstrate an understanding of scientific and engineering practices by:**

- Developing and using models

**Investigate and understand that:**

- The solar system is organized and the various bodies in the solar system interact
- Matter is distributed throughout the solar system
- There is a relationship between the sun, Earth, and the moon
- The rotation of Earth in relationship to the sun causes day and night
- The movement of Earth and the moon in relationship to the sun causes phases of the moon
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**AAP Level IV Extended Standards:**

- ❑ *Understand the various elements within a system and evaluate the interdependence of each element within the system*
- ❑ *Evaluate historical scientific discoveries and their impact on modern day society*

## Social Studies

**Civics / Geography (September 8-September 18; 2 weeks total)**

- Demonstrate responsible citizenship, both on and offline, and construct an understanding of the Student Rights and Responsibilities (including Digital Citizenship) by showing respect for rules and laws while collaborating, compromising, and participating in classroom activities.
- Understand the significance of Constitution Day and the establishment of a new American nation through the ideas of the United States Constitution.
- Locate continents, oceans, and key geographic features on maps, diagrams, photographs, etc. to evaluate their importance to the early history of the United States.

**AAP Level IV Extended Standards:**

- ❑ *Apply abstract concepts such as systems, patterns, relationships, and how things change over time to understand the impact of the past on the present*
- ❑ *Understand that change in our actions can have positive and/or negative effects on our community and government*
- ❑ *Analyze the patterns, systems, and relationships that exist within the structure of the US Government*
- ❑ *Develop a sense of responsibility for creating community*

**United States Geography (September 21-October 9; 3 weeks total)**

- Locate, describe, and compare/contrast the distinct features of geographic regions of North America: Coastal Plain, Appalachian Mountains, Canadian Shield, Interior Lowlands, Great Plains, Rocky Mountains, Basin and Range, Coastal Range.
- Locate major water features and evaluate their importance to the early history of the United States.
- Locate where American Indians lived, focusing on Inuit (Arctic), Kwakiutl (Northwest), Lakota (Plains), Pueblo (Southwest), and Iroquois (Eastern Woodlands), making connections between past and present.

**AAP Level IV Extended Standards:**

- ❑ *Apply abstract concepts such as systems, cause and effect, and how things change over time to understand the impact of the past on the present*
- ❑ *Examine how geographic features impact historical events*
- ❑ *Use maps, globes, and other geographic tools (e.g. internet/GPS/etc.) to locate, describe, and compare various sites, land areas, places, and other geographic features*

**American Indians / European Exploration (October 12 -October 30; 3 weeks total)**

- Analyze and interpret American Indian artifacts as primary sources to learn about the lifestyles of ancient settlements, including Cactus Hill in Virginia.
- Describe how the environment and resources of early American Indian tribes impacted their daily life, making connections between past and present.
- Describe and analyze the motivations for, obstacles to, and land claims of the Spanish, French, Portuguese, and English explorations.
- Construct an understanding of the cultural and economic interactions between Europeans and American Indians to analyze what led to cooperation and conflict, with emphasis on the American Indian and European concept of land.

**AAP Level IV Extended Standards:**

- ❑ *Analyze historical issues using elements of reasoning*
- ❑ *Identify and describe how geography influenced early history and settlement in the U.S.*
- ❑ *Identify and describe how geography influenced the cultures of various American Indian groups*