

## **Reading Targets**

### **Literature**

#### **Key Ideas and Details**

- Cite evidence from text that strongly supports an analysis of what the text says explicitly as well as inferences

#### **Craft and Structure**

- Analyze how differences in character point of view contribute to the creation of effects such as suspense or humor
- Determine meaning of words and phrases used in text; analyze the impact of specific language on meaning and tone (e.g., connotative/denotative, figurative language, analogies, allusions to other texts)

#### **Integration of Knowledge and Ideas**

- Analyze how a modern work of fiction draws on themes, patterns of events, or character types from myths, traditional stories, or religious works and how the material is rendered new

### **Non-Fiction**

#### **Key Ideas and Details**

- Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences

#### **Craft and Structure**

- Analyze a case in which two or more texts provide conflicting information on the same topic and identify where the texts disagree on matters of fact or interpretation (point of view)

## **Writing Targets**

- Composes a persuasive piece analyzing an alternative point of view and developing a convincing counter argument to change mindset of others
- Composes informative/explanatory piece meeting grade level expectations
- Composes narrative to develop real or imagined experiences meeting grade level expectations
- Conducts short research projects to answer a self-generated question,

*drawing on several resources and generating additional related, focused questions that allow for multiple avenues of exploration*

## **Mathematics Targets**

### **Functions**

- Define, evaluate and compare function and used them to model relationships between quantities

### **The Number System**

- Understand irrational numbers and approximate them by rational numbers

### **Expressions and Equations**

- Understand and apply radicals and integer exponents
- Understand the connections between proportional relationships, lines, and linear equations
- Analyze and graph systems of linear equations

### **Geometry**

- Understand congruence and similarity using physical models
- Understand and apply Pythagorean Theorem

### **Statistics and Probability**

- Investigate patterns involving two random variables

## **Social Studies Targets**

### **Behavioral Science**

- Analyze the impact of Native American, European, and African American cultures on U.S. history.

### **Economics**

- Analyze the impact of major economic revolutions in U. S. history after the Civil War: American Industrial Revolution, Progressive Era, Roaring 20's, Depression, Booming 50's

### **Political Science/ Citizenship**

- Evaluate the evolution of the U.S. government and its impact on the nation and world

## **History**

- *Analyze the political causes/effects of war in United States history*

## **Science Targets**

### **Physical Science**

- *Compare and contrast atoms, molecules, elements, compounds, and mixtures*
- *Explain the transformations of energy that occur in the creation of new substances.*

### **Biological Science**

- *Relate the structure and function of single and multi-celled organisms to their life activities*
- *Compare and contrast the means by which single and multi-celled organisms obtain and use energy*
- *Compare and contrast growth and reproduction in single and multi-celled organisms*
- *Relate the structure of DNA to the storage and expression of genetic information*

