

# SIXTH GRADE POWER STANDARDS READING

By the end of sixth grade reading, the student will:

- Independently read, comprehend, and analyze through inferencing, interpreting, and evaluating selected text at the sixth grade level, determine the meaning of words using a variety of strategies, identify and understand figurative language and literary devices.

## **SIXTH GRADE POWER STANDARDS WRITING AND SPEAKING**

By the end of the sixth grade, the student will be able to:

- Write persuasive essays demonstrating the correct usage of conventions
- Write narrative essays demonstrating the correct usage of conventions
- Understand and use ISAT writing rubrics
- Deliver planned oral presentations
- Organize and integrate information from a variety of sources
- Use available technology to produce a variety of writings
- Organize and report information in oral and visual formats
- Use standard English to edit documents for grammatical clarity

# SIXTH GRADE POWER STANDARDS MATH

By the end of sixth grade, the student will be able to:

- Add, subtract, multiply, divide whole numbers, decimals, fractions, and mixed numbers
- Apply appropriate formulas to find perimeter, area, and volume of rectangular figures
- Simplify basic expressions given a variable
- Classify angles (acute, obtuse, right) and determine if lines are parallel or perpendicular
- Read basic graphs (bar, line, picto) and calculate mean, median, mode and range

# **SIXTH GRADE POWER STANDARDS SCIENCE**

By the end of sixth grade, the student will be able to:

- Learn and understand the process of scientific inquiry
- Identify basic structures and functions of cells
- Model and describe chemical and physical characteristics of matter; energy interactions
- Explain forces that shape Earth's surface
- Simulate, analyze, and explain the characteristics of the solar system

# **SIXTH GRADE POWER STANDARDS SOCIAL STUDIES**

By the end of sixth grade, the student will be able to:

- Analyze the importance, development, and consequences of ideas and actions of significant political and social leaders of the past
- Describe the causes and consequences of mass migrations throughout history
- Locate historically significant geographic features
- Explain how humans adapt to and modify the environment
- Identify common patterns within literature, art, beliefs or architecture that exemplify a given culture