

SEVENTH GRADE POWER STANDARDS LANGUAGE ARTS - READING

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

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

SEVENTH GRADE POWER STANDARDS LANGUAGE ARTS – WRITING AND SPEAKING

By the end of the seventh grade, the student will:

- 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, one of which will incorporate the use of presentation software
- Organize and integrate information from a variety of sources
- Use available technology to produce a variety of writings
- Organize and report information in oral, visual, and electronic formats
- Use standard English to edit documents for grammatical clarity

SEVENTH GRADE POWER STANDARDS MATH

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

- Apply knowledge of whole numbers, decimals, fractions, ratios and percents
- Given formulas, find perimeter and area of rectangles and triangle and volume of rectangular solids
- Use commutative, and associative properties and order of operations to solve one-step equations
- Identify 2 and 3-dimensional shapes, and parts of a circle
- Find simple probabilities and basic statistical measurements (mean, median, mode, range)

SEVENTH GRADE POWER STANDARDS SCIENCE

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

- Apply scientific method in order to design a project
- Compare how different forms and structures reflect various organism's functions
- Analyze the properties of matter
- Explain and demonstrate how forces affect motion
- Analyze and explain large scale dynamic forces affecting Earth

SEVENTH GRADE POWER STANDARDS SOCIAL STUDIES

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

- Demonstrate an understanding of economic systems including supply and demand; and the impact price has in a market economy
- Demonstrate an understanding of various political systems, the growth of democracy, and the rise of nations
- Use basic map skills and terminology
- Demonstrate an understanding of cultural differences and the role they play in shaping society
- Identify historically, politically, culturally prominent individuals and their impact on society