



9th Grade Prerequisite Knowledge/Skills

Algebra 1

Required

- Pre-Algebra
- Multiplication facts (1-12) memorized
- Balance equations
- Solve for X
- Basic fraction manipulation

Recommended

- Geometry (foundational concepts)
- Customary measurements, time, and conversions

English

Required

- Sentence structure and basic parts of speech
- Paragraph structure (topic, supporting, and summarizing sentences); paragraph development (reasons, examples, or incidents)
- Coherent five-paragraph essay with an effective thesis statement
- Fluent, grade-level reading
- Secondary-level spelling; word analysis (prefixes, roots, suffixes)

Recommended

- Identification of overarching themes in literary selections



(Continued on back)

Physical Science

Required

- Effective note-taking skills
- Pre-Algebra
- Responsible laboratory behavior

Geography

Required

- Foundational understanding of the world's cultures, nations, and climates
- Effective note-taking skills