



8th Grade Prerequisite Knowledge/Skills

Pre-Algebra

Required

- Multiplication facts (1-12) memorized
- Number classification (prime numbers, real numbers)
- Least Common Multiple, Greatest Common Factor
- Fractions; exponents
- Order of operations (PEMDAS)

Recommended

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

English

Required

- Sentence structure and basic parts of speech
- Capitalization and basic punctuation
- Paragraph structure (topic, supporting, and closing sentences)
- Sentence types (declarative, interrogative, imperative, exclamatory)

Recommended

- Ability to write in cursive

Science

Required

- Effective note-taking skills
- Basic knowledge of Earth and the Milky Way Galaxy

(continued on back)



History

Required

- Effective note-taking skills
- North America, Europe, Africa (maps)
- Atlantic and Pacific Oceans

Recommended

- Major countries in Europe
- US states, capitals, and major rivers