



7th Grade Prerequisite Knowledge/Skills

Arithmetic

Required

- Place value and rounding
- Multi-digit addition, subtraction, multiplication, and division (whole numbers, fractions, and decimals); multiplication facts (1-12) memorized
- Concepts related to positive and negative numbers and integers
- Order of operations (PEMDAS)
- Basic geometric shapes

Recommended

- Exponents
- Protractor and compass
- Least Common Multiple and Greatest Common Factor

English

Required

- Sentence structure and basic parts of speech
- Capitalization and basic punctuation
- Paragraph structure (topic, supporting, and closing sentences)

Recommended

- Sentence types (declarative, interrogative, imperative, exclamatory)
- Ability to write in cursive

Science

Required



- Effective note-taking skills
- Basic knowledge of man and nature

Recommended

- Human skeletal and muscular systems; organs

History

Required

- Effective note-taking skills
- North and South America (maps)