



4th Grade Curriculum Guide

History and Geography

- World mountains
- Medieval Europe, Islamic, and African empires
- Dynasties of China
- The American Revolution and United States Constitution
- Early presidents and American reformers

Mathematics

- Numbers to 1,000,000
- Adding, subtracting, and multiplying fractions
- Line graphs and line plots
- Adding, subtracting, multiplying, and dividing decimals
- Angles, lines and shapes, properties of cuboids

Science

- Energy: conductors and circuits, electromagnet, collisions
- Investigating water, sound, and light waves; codes and signals
- Human respiration and circulation systems
- Plant vascular systems
- Soil, rocks, and landforms

Grammar and Composition

- Sentence diagramming; predicate verbs, nominatives, and adjectives; possessive nouns and pronouns; relative clauses
- Review of note-making, outlines, and summaries; introduction to inventive writing, formal essay models, and formal critique (book reports)

Vocabulary

- Latin and Greek roots such as *metr*, *scrib*, *astr*, and *geo*

Art and Music

- Art appreciation; history; fundamentals of art
- Listening and music appreciation; history; theory and notation; performance

Literature

- *The Wonderful Wizard of Oz*
- *Robin Hood*
- *King Arthur: Tales from the Round Table*
- *Johnny Tremain*
- *Pollyanna*

Poetry

- The Pobble Who Has No Toes
- Afternoon on a Hill
- A Tragic Story
- Paul Revere's Ride
- Concord Hymn

Sayings and Phrases

- As the crow flies.
- Bull in a china shop.
- Don't put all your eggs in one basket.
- Lightning never strikes twice in the same spot.
- Two wrongs don't make a right.
- You can lead a horse to water, but you can't make it drink.

