

Fourth Grade Curriculum



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Mathematics

In 4th grade, we use the Math in Focus program that offers an engaging and interactive approach to covering 4th grade math content. The students use a student interactive book so students record their strategies, explanations, solutions, practice and test prep right in their books. Students all complete many group activities to reinforce the skills taught.

The concepts learned includes:

- Place value
- Multiplication and division
- Operations and algebraic thinking
- Fractions, measurement, and data
- Geometry

Science

The science program, is a hands-on interactive program. The students engage in small group and in depth investigations that cover a variety of topics including:

Life Sciences - Plants and Animals
Survival, growth, protection, and reproduction
Digestions, circulation, support, movement, and protection
Sense receptors for touch, sound, smell, taste, and light

Earth Sciences –

Energy, Earth's Changing Surface, and Waves
Energy transfer by collision, sound, light, and heat.
Electric currents
Energy resources - natural resources, renewable resources, and nonrenewable resources
Deposition, erosion, and weathering
Water as rain, rivers, glaciers, and ice
Fossils, volcanoes, earthquakes, mountains and natural hazards
Properties of waves - amplitude, wavelength and frequency creation and effect of waves.

Language Arts

Writing

- Narrative Writing
- Opinion Writing
- Informative Writing
- Creative Writing
- Descriptive Writing
- Poetry
- Bare Books
- Cursive Handwriting
- Pen-pal Writing

Grammar Usage and Mechanics

- Small group focus lessons

Vocabulary

- Academic words, and 4th grade level appropriate patterns for words
- Greek and Latin root word origins and meanings

Reading and Literature

- Phonemic awareness
- Phonics
- Fluency
- Comprehension
- Novel Studies

Communication

- Collaborative communication: small and large group discussion
- Oral presentations – formulate formal presentations to summarize main point

Social Studies

- Geography of the United States
- Americans and Their History
- Government in the United States
- The Nation's Economy
- Regions of the US: The Northeast, Southeast, Midwest, Southwest, and West (Interactive Notebooks)

Co-Curricular Classes

- Art
- Chapel
- Religion
- Library and library skills
- Music (twice weekly)
- Physical Education (daily)
- Spanish (twice a week)

Main Resources

Math: Math in Focus

Science: TCI

Social Studies: Pearson: My World Social Studies

Language Arts: Sadlier Oxford Progress Curriculum for close reading, Sadlier Oxford Vocabulary Workshop, Sadlier Oxford Grammar Workshop

Handwriting: Zaner-Bloser Handwriting

Writing: Writing Workshop approach