

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

Engineering

STEM Expo Project

Language Arts

Writing

Weekly Journal Writing

Narrative Writing

Opinion Writing

Informative Writing

Creative Writing

Descriptive Writing

Poetry

Book Reports, written and oral

Bare Books

Cursive Handwriting

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 points

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
- Computer (once weekly)
- Library (twice weekly)
- Music (once weekly)
- Physical Education (daily)
- Spanish (three times per week)

Main Resources

Math: Math in Focus

Science: Generation Genius

Social Studies: My World: Regions of Our Country

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