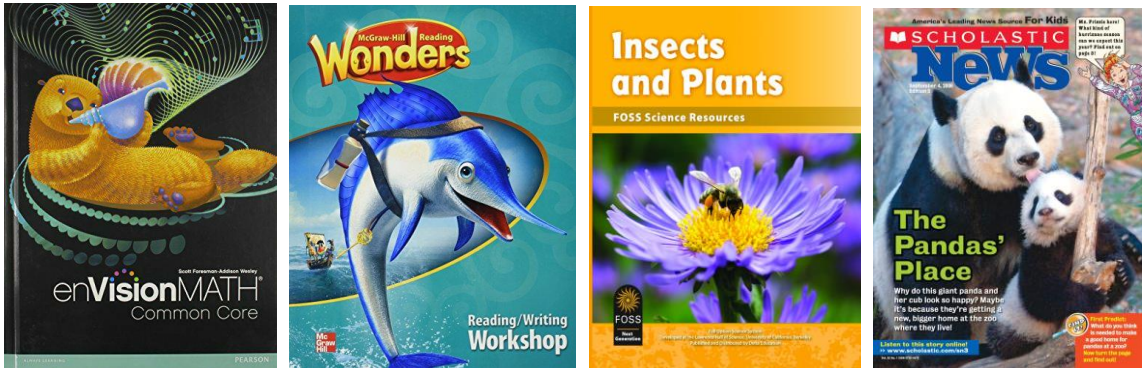


First Grade Curriculum



Language Arts:

Wonders Reading offers a comprehensive language arts program that teaches the necessary skills students need to become successful readers. Each grade focuses on essential literacy skills. Literacy begins with a strong foundation. In First grade, Wonders provides the explicit and systematic instruction needed to:

- Develop Essential Phonics Skills
- Create Phonological Awareness/ Phonemic Awareness
- Build confidence with high-frequency words
- Increase Vocabulary
- Develop Concepts of Print

Mathematics:

EnVision math helps students develop deep conceptual understanding through problem-based instruction, visual learning, small group work, and personalization. Independent research validates the program's effectiveness in raising student achievement. It is a comprehensive math program that offers the flexibility of print, digital, or blended instruction at all grade levels. Each grade studies key mathematical concepts that are grouped in clusters.

First Grade Clusters:

- Operations and Algebraic Thinking Add and subtract within 20. Work with equal groups of objects to gain foundations for multiplication. Represent and solve problems involving addition and subtraction.
- Number and Operations in Base Ten Use place value understanding and properties of operations to add and subtract. Understand place value. Use place value understanding and properties of operations to add and subtract.
- Measurement and Data Work with time and money. Measure and estimate lengths in standard units. Relate addition and subtraction to length. Represent and interpret data.
- Geometry Reason with shapes and their attributes.

Science:

The Full Option Science System creates students who are proficient in scientific discovery through rigorous, interactive, and collaborative science program created to meet diverse student needs. The F.O.S.S. mission is to help all students investigate scientifically to construct and acquire conceptual understanding of their world, develop positive scientific attitudes, and become scientifically literate.

First Grade F.O.S.S. Units:

- Physical Science: Solids and Liquids

The Solids and Liquids module provides students with physical sciences core ideas dealing with matter and its interactions and engineering design. The anchor phenomenon for this module is matter in two of its phases—solid and liquid. The guiding questions for the module are: How are solid and liquid materials similar and different? How do the properties of solid and liquid materials relate to how they can be used and how they can change?

- Earth Science: Pebbles, Sand and Silt

In the Pebbles, Sand and Silt module students will engage with earth materials that cover the planet's surface. They observe the properties of rocks of various sizes, study the components of soil, study the results of weathering and erosion, locate natural sources of water, and determine how to represent the shapes and kinds of land and bodies of water on Earth. The guiding questions are: What are the properties of earth materials? How do they interact and change?

- Life Science: Insects and Plants

The Insects and Plants Module provides experiences that heighten students' awareness of the living world. They come to know firsthand the life cycles of several insects. Students see the life cycles of insects unfold in real time and compare the stages exhibited by each species. At the same time, students grow one type of plant from seed and observe it through its life cycle to produce new seeds.

Social Studies:

Scholastic News Edition brings grade-appropriate, curriculum-connected nonfiction print and digital magazines into the classroom. Scholastic increases science and social studies knowledge with engaging informational texts, complete lesson plans, and online resources like videos. Scholastic also focuses on vocabulary, building content knowledge, and reading skills. Each month we will focus on the topics below.

September: We Are Good School Citizens, Growth Mindset, Making Friends, Communities

October: Fire Safety, Pumpkins, Autumn Changes, Spiders

November/December: Pilgrims/Wampanoags, Veterans Day, Winter Holidays, Hibernation

January: Dr. Martin Luther King, Jr., Winter Changes, Penguins, Author Study

February: Black History Month, Groundhog Day, Presidents' Day, Dental Health

March: Read Across America Day, Women's History, St. Patrick's Day/Ireland Habitats

April: Earth Day, Endangered Animals, Needs of a Plant, Natural World Affects Humans

May/June: Summer Safety, Summer Sky, Insects, Ocean