

Fourth Grade

Fourth Grade Curriculum Overview

Fourth grade students conduct more sophisticated scientific experiments. They focus on analyzing data; defining variables; making predictions from picture, bar, and line graphs; and validating experimental results. Fourth graders learn the basic principles of electricity and the concept of energy as it relates to machines and work. They continue to study relationships, including the interactions between the Earth, moon, and sun, and among plants and animals and their environments. Fourth graders also study weather phenomena and conditions and they explore the importance of natural resources to Virginia.

Adopted Instructional Resources

The Fourth Grade portion of *McGraw-Hill Science 2002 - Virginia Edition* is the division's currently adopted text-based program. In addition, the division has adopted a wide variety of nonfiction trade books to reinforce science related concepts at the same time that students are mastering the fundamentals of reading. There is also an exhaustive list of materials and equipment intended to support an inquiry approach to learning science. Please see the attached documents for more information.

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