

Science

Grades
3-5

By the end of the 3rd through 5th Grade Program I can . . .

Earth and Space Sciences



- Explain Earth's place in the solar system and Earth-related cycles and patterns, including the processes that shape the planet's surface.
- Describe natural resources and their conservation.
- Analyze weather changes over time.

Life Sciences



- Tell the difference between and analyze animals' and plants' life cycles.
- Describe the flow of energy necessary for the survival of all organisms.
- Analyze plant and animal structures and functions, and compare habitat changes that affect an organism's survival.

Physical Sciences



- Compare simple physical and chemical changes.
- Describe the physical properties of matter.
- Describe the forces that directly affect objects and their motion.
- Compare the properties of different forms of energy.

Science and Technology



- Describe how technology affects humans.
- Describe and illustrate the design process.

Scientific Inquiry



- Use appropriate instruments to observe, measure and collect scientific data.
- Make inferences and conclusions based on the data I collect.
- Develop, design and safely conduct scientific investigations, then communicate the results.

Scientific Ways of Knowing



- Distinguish between fact and opinion, and explain how conclusions change as new knowledge is gained.
- Describe types of scientific investigations and the importance of keeping accurate records of them.
- Use data to support conclusions.
- Explain that men and women from around the world have successful scientific careers.

These are just *some* of the things I can do. For more information about Science Standards, look for the Standards section on the CPS Web site: www.cps-k12.org

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