



Science Standards Addressed

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Creating and enforcing educational standards are the responsibilities of each State. To find out the specific standards for your state, visit your [State's Department of Education Web site](#).

To help unify educational standards across the country, a number of national organizations of education professionals have compiled sets of standards as a resource for the State agencies to help guide them as they develop their own standards. Below you will find summaries of these national standards, the names of the organizations that developed them and a link to the full set of standards.

Science

Science Standards were developed by the National Academies of Science. [Visit here](#) for a full copy of the standards and more details on grade level applications visit.

Students should develop understanding and abilities related to:

Category	Standard	Lesson Application
Unifying Concepts and Processes	Systems, order, and organization	Lesson 1
		Lesson 2
		Lesson 3
	Evidence, models, and explanation	Lesson 1
		Lesson 2
	Constancy, change, and measurement	Lesson 2
	Form and function	Lesson 1
		Lesson 2
		Lesson 3
Science as Inquiry	Develop abilities necessary to do scientific inquiry	Lesson 1
		Lesson 2

	Understand scientific inquiry	Lesson 2
Life Science	The characteristics of organisms	Lesson 1
	Organisms and environments	Lesson 1
	Structure and function in living systems	Lesson 1
	Regulation and behavior	Lesson 2
	Populations and ecosystems	Lesson 1 Lesson 2 Lesson 3
	Interdependence of organisms	Lesson 1 Lesson 2 Lesson 3
	Matter, energy, and organization in living systems	Lesson 1 Lesson 2 Lesson 3
	Behavior of organisms	Lesson 1 Lesson 2
Earth and Space Science	Properties of earth materials	Lesson 1
	Structure of the earth system	Lesson 1

	Geochemical cycles	Lesson 1
Science and Technology	Abilities of technological design	Lesson 3
Science in Personal and Social Perspective	Personal health	Lesson 3
	Types of resources	Lesson 1
	Changes in environments	Lesson 1
	Natural hazards	Lesson3
	Risks and benefits	Lesson 3
	Science and technology in society	Lesson 1 Lesson 3
	Personal and community health	Lesson 3
	Natural resources	Lesson 1 Lesson 3
	Environmental quality	Lesson 1 Lesson 3

	Natural and human-induced hazards	Lesson 3
	Science and technology in local, national, and global challenges	Lesson 3
History and Nature of Science	Science as a human endeavor	Lesson 1 Lesson 2
	Nature of scientific knowledge	Lesson 2

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