



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.

Students should develop understanding and abilities related to:

Category	Standard	Lesson Application
Science as Inquiry	Develop abilities necessary to do scientific inquiry	Seed Lesson
	Understand scientific inquiry	Seed Lesson
Life Science	The characteristics of living organisms	Seed Lesson
	Structure and function of living things	Seed Lesson
	Life cycles of organisms	Seed Lesson
	Organisms and environments	Seed Lesson
	Reproduction and heredity	Seed Lesson
	Populations and ecosystems	Seed Lesson
	Behavior of organisms	Seed Lesson
Physical Science	Light, heat, electricity, and magnetism	Terrarium Activity

	Properties and changes of properties in matter	Terrarium Activity
Science and Technology	Abilities to distinguish between natural objects and objects made by humans	Seed Lesson

Math

Math Standards were developed by the National Council of Teachers of Mathematics. [Visit here](#) for a full copy of the standards and more details on grade level applications.

Students should develop understanding and abilities related to:

Category	Standard	Lesson Application
Measurement	Understand measurable attributes of objects and the units, systems, and processes of measurement	Seed Lesson
	Apply appropriate techniques, tools, and formulas to determine measurements	Seed Lesson

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