



Standards Addressed

[Science](#) [Math](#)

[Back to Lesson 1: Why Root for Roots?](#)

[Back to Lesson 2: Catching the Rain](#)

The standards listed below are tied to the activities for the State Flower article. 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
Life Science	Organisms and environments	Lesson 2
	The characteristics of organisms	Lessons 1 & 2
	Structure and function of living systems	Lesson 1
Science in Personal and Social Perspective	Natural resources	Lesson 2
	Environmental quality	Lesson 2
	Types of resources	Lesson 2
Earth and Space Science	Properties of earth materials	Lesson 2
Unifying Concepts and Processes	Evidence, models, and explanation	Lessons 1 & 2

Science as Inquiry	Develop abilities necessary to do scientific inquiry	Lesson 1

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	Apply appropriate techniques, tools, and formulas to determine measurements.	Lesson 2
Data Analysis and Probability	Select and use appropriate statistical methods to analyze data	Lesson 2

[Back to Lesson 1](#)

[Back to Lesson 2](#)