



Standards Addressed

[Science](#) [Math](#) [English](#) [History](#) [Health Education](#) [Educational Technology](#)

[Back to Lesson 1: Plant a Row for the Hungry](#)

[Back to Lesson 2: Understanding and Conserving Community Water Resources](#)

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
Science in Personal and Social Perspective	Populations, resources, and environments	Lesson 2
	Personal and community health	Lesson 2
	Natural resources	Lesson 2
	Environmental quality	Lesson 2
	Science and technology in local, national, and global challenges	Lesson 2
Earth and Space Science	Changes in earth and sky	Lesson 2

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	Lesson 1
	Apply appropriate techniques, tools, and formulas to determine measurements.	Lesson 1 – Math extension Lesson 2

English

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

Students should develop understanding and abilities related to:

Standard	Lesson Application
5. Students employ a wide range of strategies as they write and use different writing process elements appropriately to communicate with different audiences for a variety of purposes.	Lesson 1 – English extension Lesson 2
7. Students conduct research on issues and interests by generating ideas and questions, and by posing problems. They gather, evaluate, and synthesize data from a variety of sources (e.g., print and non-print texts, artifacts, people) to communicate their discoveries in ways that suit their purpose and audience.	Lesson 2
8. Students use a variety of technological and information resources (e.g., libraries, databases, computer networks, video) to gather and synthesize information and to create and communicate knowledge.	Lesson 2

History

Historical Thinking Standards were developed by the National Center for History in the Schools. [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
Historical Research Capabilities	Obtain historical data	Lesson 2 – History extension

Historical Issues – Analysis and Decision-Making	Identify problems and dilemmas in the past	Lesson 2 – History extension
	Identify causes of the problem or dilemma	Lesson 2 – History extension

History Content Standards for Elementary Education were developed by the National Center for History in the Schools. [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
History of Peoples of Many Cultures Around the World	Major discoveries in Science and Technology, their social and economic effects, and the scientists and inventors responsible for them	Lesson 2

Health Education

Health Education Standards were developed by the American Association of Health Education. [Visit here](#) for a full copy of the standards and more details on grade level applications.

Students should develop understanding and abilities related to:

Standard	Lesson Application
1. Students will comprehend concepts related to health promotion and disease prevention.	Lesson 1
5. Students will demonstrate the ability to use interpersonal communication skills to enhance health.	Lesson 1
7. Students will demonstrate the ability to advocate for personal, family and community health.	Lesson 1

Educational Technology

Educational Technology Standards were developed by the International Society for Technology in Education. [Click 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
Technology Research Tools	Students use technology to locate, evaluate, and collect information from a variety of sources	Lesson 1 Lesson 2

[Back to Lesson 1](#)