



Standards Addressed

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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	The characteristics of organisms	Lesson 2
	Life cycles of organisms	Lesson 2
	Reproduction and heredity	Lesson 2
	Populations and ecosystems	Lesson 1
	Molecular basis of heredity	Lesson 2
	Biological evolution	Lesson 2
	Diversity and adaptations of organisms	Lesson 1 Extension - Science and Social Studies
Science & Technology	Understanding about science and technology	Lesson 2

Science in Personal and Social Perspective	Characteristics and changes in populations	Lesson 2
	Science and technology in society	Lesson 2
	Science and technology in local, national, and global challenges	Lesson 2
History and Nature of Science	Science as a human endeavor	Lesson 2
	Historical perspectives	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
1. 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
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
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 1
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 1

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 Analysis and Interpretation	Formulate questions to focus their inquiry or analysis	Lesson 1
Historical Research Capabilities	Formulate historical questions	Lesson 1
	Obtain historical data	Lesson 1 Lesson 2
	Interrogate historical data	Lesson 1 Lesson 2
	Marshall needed knowledge of the time and place, and construct a story, explanation, or historical narrative	Lesson 1 Lesson 2

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

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

Arts Education

The Arts Education Standards were developed by the Consortium of National Arts Education Associations. [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
Visual Arts	Using and applying media, techniques, and processes	Lesson 1- Art Extension

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