



Standards Addressed

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

[Back to Lesson 1: Flower Dissection](#)

[Back to Lesson 2: Know Your State Flower](#)

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 1 Lesson 1 Extension - Science, Math, and Social Studies
	Life cycles of organisms	Lesson 2 Extension - Science
	Organisms and environments	Lesson 1 Extension - Social Studies
	Structure and function in living systems	Lesson 1 Lesson 1 Extension - Science and Math
	Reproduction and heredity	Lesson 1 Lesson 1 Extension - Science
	Populations and ecosystems	Lesson 1 Extension - Social Studies

	Diversity and adaptations of organisms	Lesson 1 Extension - Science and Social Studies
	Interdependence of organisms	Lesson 1 Extension - Social Studies
Science in Personal and Social Perspective	Characteristics and changes in populations	Lesson 1 Extension - Social Studies
	Populations, resources, and environments	Lesson 1 Extension - Social Studies

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 Extension - Math
Data Analysis and Probability	Formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them	Lesson 1 Extension - Math
Representation	Create and use representations to organize, record, and communicate mathematical ideas	Lesson 1 Extension - Math

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
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 Extension - English Lesson 2 Extension - English

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. 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
Historical Research Capabilities	Obtain historical data	Lesson 2 Extension - History
The History of the Students' Own State or Region	The people, events, problems, and ideas that created the history of their State	Lesson 2 Lesson 2 Extension - History

Social Science

Social Science Standards were developed by the National Council for the Social Studies. [Click here](#) for a full copy of the standards and more details on grade level applications.

Students should develop understanding and abilities related to:

Standard Themes	Lesson Application
Science, Technology, and Society	Lesson 1 Extension - Social Studies

Health Education

Health Education Standards were developed by the American Association of Health 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:

Standard Themes	Lesson Application
Students will demonstrate the ability to practice health-enhancing behaviors and reduce health risks	Lesson 1 Extension - Nutrition

Educational Technology

Educational Technology Standards were developed by the the International Society for Technology in 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:

Category	Standard	Lesson Application
Basic Operations and Concepts	Students are proficient in the use of technology	Lesson 2 Lesson 2 Extension - English, History, and Geography

Technology Research Tools	Students use technology to locate, evaluate, and collect information from a variety of sources	Lesson 2 Lesson 2 Extension - English, History, and Geography
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Arts Education

The Arts Education Standards were developed by the Consortium of National Arts Education Associations. [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
Visual Arts	Using and applying media, techniques, and processes	Lesson 2 Extension - Art
	Choosing and evaluating a range of subject matter, symbols and ideas	Lesson 2 Extension - Art

[Back to Lesson 1: Flower Dissection](#)

[Back to Lesson 2: Know Your State Flower](#)

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