

# Plants

## Missouri Botanical Garden

[Biology of Plants](#) This site is based on the Biology of Plants video series, geared to grades K-3. [What's it like where you live?](#)

## PBS Resources

### NET: Backyard Farmer

[UNL Extension: Backyard Farmer](#) (Lawn and Garden Questions)

### Dragonfly TV

[Cactus](#) Dragonfly TV investigates cactus. Activity guide, watch program online and more.

[Leaf me Alone](#) Classroom activity to investigate how plants breathe.

[Leaves](#) (watch online) Dragonfly TV investigates leaf color.

### Frontline

[Ecuador – Flower Power: Fair trade roses for Valentine's Day](#) (watch online) Learn about Ecuador's cut-flower industry, which supplies roughly a third of America's roses but is also notorious for dangerous pesticides, poor labor practices and corrupt management.

### Iowa Public Television Connections to Science

[Tree Identification \(dichotomous key\)](#) Naturalist, Heidi Anderson, teaches students about her job as a naturalist, what taxonomy is, and how to use a dichotomous tree key to identify a deciduous and conifer tree.

### NOVA: First Flower

[Pick the Pollinator](#) Interactive game to test your knowledge of how insects, birds, and other pollinators help flowering plants flourish.

[Extract DNA from bananas](#) Understand that DNA is in living and once-living things; explain how DNA can be extracted from plant matter and describe DNA's physical appearance.

### Scientific American Frontiers

[The Desert's Perfect Foods: Cactus](#) (Episode 10) Desert-dwelling Native Americans turn to their culinary roots to battle diabetes.

[PBS LearningMedia](#) – Refine search on left column

[Plant Collection](#): Kindergarten through 5th grade science media collections have been created to help educators find the best PBS resources to enrich learning experiences in the classroom.

[From Seed to Flower](#) This video segment depicts plant growth in time-lapse format, allowing the viewer to observe in just a few seconds some of the most important life stages of a plant, from germination to the formation of a flower, and several phases in between.

## ASU School of Life Sciences

[How to make a plant press.](#)

## USDA

[NatureWatch](#) This site provides children and adults the opportunity to safely view, and participate in activities and programs that raise the awareness of wildlife.

[Parts of a Flower](#)

[Teacher Resources](#)

[PLANTS Database](#) The PLANTS Database provides standardized information about the vascular plants, mosses, liverworts, hornworts, and lichens of the U.S. and its territories. (USDA, NRCS. 2008. The PLANTS Database. National Plant Data Center, Baton Rouge, LA 70874-4490 USA.)

[Leafy Spurge](#)

[Pasque](#)

[Yucca](#)

[South Dakota State-listed Noxious Weeds](#)

### **South Dakota Game Fish and Parks**

[Rare, Threatened, or Endangered Plants](#)

### **The Natural Source Northern State University**

[South Dakota Plants](#) Information about South Dakota trees, shrubs, grasses, weeds and more.

[Taxonomic Key to South Dakota Trees](#) Identify trees in South Dakota.

[Tree Glossary and Resources](#) – Parts of tree and type of leaves.

### **Links**

[Early elementary art project using leaves \(Flowers\)](#)

[Poison Ivy, Oak, and Sumac Information Center](#)

[Use math connections to collect and document leaf specimens](#)

[Why leaves change color in the fall \(Colorado State University\)](#)