



Resources for a Visit to the U.S. Botanic Garden

If you're coming onsite to the Garden, explore educational resources specifically designed to be used in the Garden on our onsite resource page.

Resources for Home or School

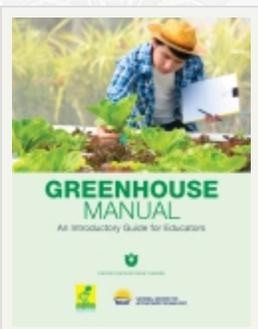
Lesson Plans and Activities

Engage young people in plant science through these educational resources. The lesson plans and activities are designed to help adults guide children in using techniques scientists use to learn about plants and the environment. They are intended to be flexible and we encourage you to adapt them to your child's interests. Each lesson has a recommended grade range, goals and objectives, and materials list and steps to follow for each activity.

Flower to Seed, Seed to Flower Lesson Plan

Explore the life cycle of a flowering plant by examining how and why plants make seeds.

- [Flower to Seed, Seed to Flower \[PDF\]](#), recommended for grades Kindergarten - 2nd
- [Flower to Seed, Seed to Flower \[PDF\]](#), recommended for grades 3rd - 5th



Greenhouse Manual

This is an introductory manual for educators wanting to better use new or existing greenhouses for programming. The manual clearly and concisely lays out the benefits of greenhouses, how to integrate them into lessons, and how to effectively use greenhouses in classroom curricula and out-of-school activities. The manual also includes information on layout and operations of a greenhouse, growing plants (especially during the school year), growing from seed, seedling nutrition, and more.

treating disease and pest management in greenhouses, basic budgeting, and succession planting.

Teaching Landscape for Life

Landscape for Life includes a complete kit of teaching resources that can be used to conduct classes in sustainable home gardening. Materials available include an illustrated teacher's manual and four slide presentations that illustrate the curriculum.

Educational Collaborators:

Botanical Partners on the Mall

The Smithsonian National Museum of Natural History, Department of Botany and the U.S. Botanic Garden are botanical partners on the National Mall. As a result, a number of projects related to exhibits, research and plants.

North American Orchid Conservation Center

The North American Orchid Conservation Center is a collaboration between the Smithsonian Environmental Research Center and the U.S. Botanic Garden and other private organizations to conserve, cultivate and restore North America's native orchids.

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