

## Plant Family Tree



Our Plant Family Tree presents a selection of well-known plants arranged according to their evolutionary relatedness and age of diversification. The ancestors located on the tree's lowest and "inner" branches evolved earlier in the history of plants than those found on the upper and outermost branches. Plants located more closely related to each other than to families on different branches.

### School Garden Wizard

Interested in starting a garden at your school? The School Garden Wizard is an online resource created for America's K-12 school community in collaboration with the U.S. Botanic Garden and Chicago Botanic Garden. Gardens offer a wonderful, creative space for children of all abilities to achieve something real that is valued by others, even as it focuses and calms, and it requires a child's intellectual, emotional and social engagement with things that must be measured, counted, weighted and cared for - and can yield gratifying and often surprising results for teachers and students. Gardening and plant-based learning open a door to discovery of

### 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 uses 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 provides as well as basic information on layout and operations of a greenhouse, growing plants (especially during the school year), growing from seed, seedling nutrition, treating disease and pest management in greenhouses, basic budgeting, and succession planting.

### Additional Classroom Resources

Looking for more classroom resources? Contact USBG Children's Education Specialist Lee Coykendall. Please also see our Programs & Events for upcoming programs at the U.S Botanic Garden.

**Source URL:** <https://m.usbg.gov/classroom-resources-plant-based-learning>