

# OVERVIEW

## NEW PLANTS

### GOALS

The **New Plants Module** provides experiences that heighten young students’ awareness of the diversity of life in the plant kingdom. Students care for plants to learn what they need to grow and develop. They observe the structures of flowering plants and discover ways to propagate new plants from mature plants (from seeds, bulbs, roots, and stem cuttings). They observe and describe changes that occur as plants grow, and organize their observations on a calendar and in a journal.



### FOSS EXPECTS STUDENTS TO

- Develop a curiosity and interest in plants as living things.
- Experience some of the diversity of forms in the plant kingdom.
- Provide for the needs of growing plants.
- Observe and describe the changes that occur as plants grow and develop.
- Become familiar with the structures and functions of flowering plants (root, stem, leaf, bud, flower, seed).
- Discover various ways that new plants can develop from mature plants.
- Compare change over time in different kinds of plants.
- Organize and communicate observations through drawing and writing.
- Acquire the vocabulary associated with the structures of plants.

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**Language Extension**

- Label a mature plant.

**Math Extensions**

- Solve two problems.

**Science Extensions**

- Plant your harvested brassica.
- Look for roadside brassica.

- *What Do Plants Need?*

Students look for other brassicas, such as mustard, cabbage, cauliflower, broccoli, and collards.

**Language Extension**

- Tell the story of your plant.

**Math Extensions**

- Solve two problems.

**Science Extensions**

- Plant oat seeds.
- Grow plants in the dark.
- Plant radish-seed gardens.
- Grow flowers from seed.
- Try growing plants without water.

- *How Seeds Travel*
- *Flowers and Seeds*
- *The Story of Wheat*

Students look for uses of grains at home.

**Math Extensions**

- Solve two problems.

**Science Extensions**

- Turn cuttings into gifts.
- Grow spider plants.
- Grow new plants from leaves.

Students make a plastic-bottle terrarium to grow plants at home.

**Language Extension**

- Illustrate homonyms.

**Math Extensions**

- Solve two problems.

**Science Extensions**

- Eat roots.
- Start other culinary bulbs.
- Grow a sweet potato in water.
- Plant flower bulbs.

- *Plants and Animals around the World*
- *Animal Teeth*

Adults read part of a story to students, who write an ending to the story.

