**Learning Goals and Standards**

The unit is most appropriate for students in grades 3-5.

**LEARNING GOALS**

Participation in this lesson will enable students to…

* Identify plant parts on different species of plants
* Describe how plants’ roots, stems, and leaves help them access water and sunlight
* Make observations about plants and the environments in which they grow
* Collect evidence from experiments and observations
* Make hypotheses about plant adaptations based on collected evidence

**STANDARDS**

This unit supports student learning consistent with both local and national science education standards. For example:

* *Asking questions and defining problems*: Ask questions that can be investigated and predict reasonable outcomes based on patterns.
* *Developing and using models:* Develop and/or use models to describe and/or predict phenomena.
* *Planning and carrying out investigations:* Make observations and/or measurements to produce data to serve as the basis for evidence for an explanation of a phenomenon or test a design solution.