

## **Unit III — Plant Science Basics**

### **Instructor Guide**

**The instructor should assign the performance-based assessment activity at the beginning of the unit. Students will work toward completing the activity as they progress through the unit lessons. The assessment activity will be due at the completion of the unit.**

1. Students will work individually to collect plant specimens that represent the following categories:
  - Two types of roots
  - Six types of leaf shapes
  - Four types of leaf margins
  - Four types of leaf attachments
  - Two types of venation
2. Students can refer to lesson 1 in the unit to find examples of the different categories.
3. Have students create a plant collection from their specimens that features:
  - a. Each specimen mounted to a piece of paper in some manner
  - b. Each specimen labeled as to the category and sample it represents (e.g., type of leaf shape, oval)
4. The final assessment will be based on the overall content and presentation of the collection.