

## **Additional Activities**

### **Optional Activity 1:**

For each group, fill quart jar two-thirds full with water. Pour remaining dry soil materials into the jar. Fill the jar to near the top with additional water if needed. Put on the jar lid and shake it well. Over the next couple of days observe each of the jars as the materials settle. Of course the gravel and sand jars should not show much if any separation of materials since they are primarily a single material to begin with. However, it would be interesting to see how the 3 mixed soil materials, especially the native soil separate. Use the Soil Type Chart to classify what type of soils these are. This may help in deciding what additional amendments you might want to add to your native soil and/or raised bed soil.

### **Optional Activity 2:**

Have students pour all 5 wetted soils into a clear 1 gallon (plus or minus) container. Add water to near the top of the container. Place lid on container and shake it well. Observe over the next few days how the soil materials separate and settle in the container. Discuss why they separated as they did. Use the Soil Type Chart to analyze the type of soil in the gallon container.