



CRANBERRIES in the classroom



Build a Mini Bog

Materials Needed

- Samples of real wet peat, sand, gravel and wet clay for students to touch and examine
- Cranberry vines
 - If you live in a cranberry growing region, plants can typically be purchased at your local nursery.
 - If live vines are unavailable, substitute with sprigs of artificial plants, pipe cleaners or twist ties
- Play or art sand – representing sand layer
- Florist foam – representing peat layer
- Natural color aquarium gravel – representing the gravel layer
- Clay/play dough – representing the gravel layer
- 4 clear, 6-inch long plastic tubes, such as containers in which beads of glitter might be sold (available at major chain craft stores).
- 1 medium-sized container with straight, opaque sides
 - Ex: juice carton cut to about six inches in height, a small paint

Preparation

1. Line the bottom of the container with about $\frac{3}{4}$ inch of clay/play dough
2. Add a $\frac{3}{4}$ inch layer of aquarium gravel
3. Add about 3 inches of florist foam or dark molding clay
4. Top off with about $\frac{1}{2}$ to $\frac{3}{4}$ inches of sand. You may wish to scatter pieces of cranberry vine roots in the deeper layer of sand.
5. Set cranberry vine or substitute into the top layer of sand.