

Student Directions for Tub Set Up

Soil in Tubs

1. Put a small rubber stopper in each tub's hole (from the inside).
2. Use the 1,000 ml graduated cylinder and/or Rain Jars to add to each tub:
 - **1,500 ml of sand**
 - **500 ml of humus (potting soil)**
 - **750 ml of gravel.**
 - **200 ml of water**
3. Mix materials together with hands or trowel.
4. Move all the soil in each tub away from the hole so it is past the black line. Shape it into a block with a smooth top and a cliff-like edge.



Plant Seeds in 3 of the 8 Tubs

1. Sprinkle **30 mil of each type of seed** evenly over the soil block. Seeds should thickly cover the soil.
2. Spread **half a cup of humus** in a thin layer over seeds.
3. Use **spray bottle to dampen** the soil and seeds.
4. **Cover** with plastic sheeting and secure with rubber band.
5. **Remove the rubber plug from the tub and stack it** on top of an unplanted soil tub (angled a bit so excess water can drain into that tub).
6. Do this with JUST three of the tubs!