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!