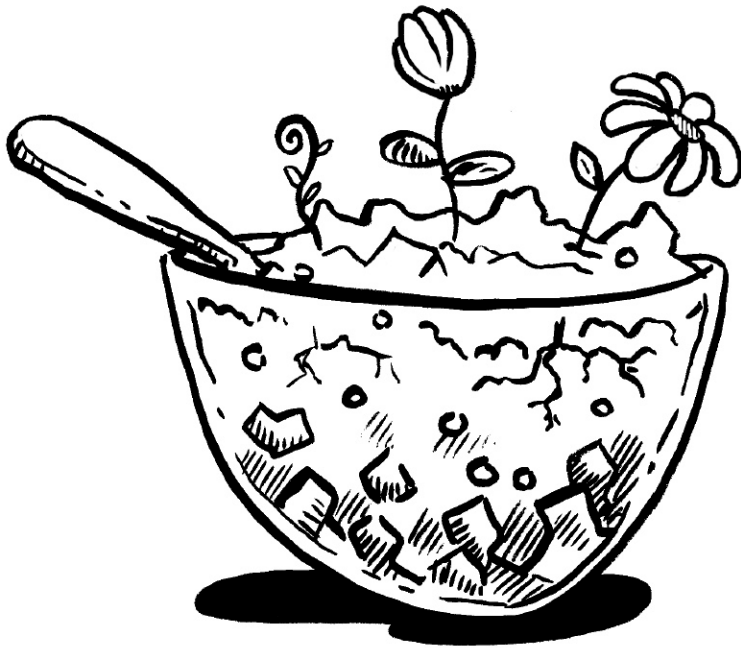


SOIL PROFILE



Materials

- Clear plastic cups for each student
- Different types of cereal
- Milk
- Spoons
- Zippered plastic bags

DIRECTIONS

This activity is great when studying soil types and horizons.

1. Have students wash their hands. They will be eating their creation.
2. Place cereals on a table.
3. Ask students to construct a soil profile complete with parent material, subsoil and topsoil.
4. Students may want to crush the cereal to create their soil. Simply place the cereal in a bag and they can crush it using their hands. Student might also mix cereals to get the colors and textures they want.
5. Have students present their profile to the class. Now pour milk, acting as water, over their "soil". Students can now see how pore space is taken up by the milk and how percolation occurs.
6. Pass out the spoons and enjoy.

Soil Profile Example:

