

Photos – Soil Activity



Activity items needed for each group include soil, measuring cup, clear jar, funnel, coffee filter, and water

Fill measuring cup with soil – exactly one cup full. Use fingers to lightly tamp down soil to ensure it is at the correct level



Place coffee filter in funnel and funnel in top of jar

Pour cup of soil into coffee filter being careful not to pour any into jar



Fill up measuring cup with exactly one cup of water



Pour cup of water over the soil



After water drains for specified time, remove funnel and lay it aside in designated location



Pour drained water from jar into measuring cup



Measure the amount of drained water in measuring cup. The difference between the amount of drained water in the measuring cup and the amount initially poured over the soil (1 cup or 250 milliliters) represents the amount of water retained in the soil. In this example 100 ml of water was retained.