



# Soil in a Jar Experiment

**Objective:** learn about and observe the different types of soil seen and used all around us.

## Materials:

- Empty jar
- Soil
- Water

## Instructions:

- Find an empty, clear jar that you can use
- Fill half of the jar with soil
- Pour water into the jar up to 2-3 centimeters from the top
- Close the jar and make sure the lid is on tight
- Shake the jar well so all the elements in the jar are mixed together
- Place the jar somewhere it will not be touched for the next day or two
- Leave the jar for at least 24 hours and watch the different soils separate
- See if you can determine what soils you have in your jar



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## TYPES OF SOILS TO LOOK FOR:

Sand, Loam, Silt, and Clay  
What types of soil do you see?

## Example:

Murky Water

Ground Cover

Silt

Loam

Sand

