

Soil:

- We'll be studying soil ecology - interactions between soil & living organisms
- Soil has
 - A mineral component (dirt)
 - Air
 - Water
 - Organic matter (living things that have decomposed)
 - Living organisms (microscopic)
- Understand
 - What these concepts are & what they mean for soil ecology
 - How we can measure these things

Soil moisture:

- The percentage of the weight of a soil sample that is water
- Soil moisture measures water that is stuck to the soil particles
- We'll measure it through evaporation

To measure soil moisture:

- We need to know the mass of the container
- We need to know the mass of the wet soil and the container together

④ Put in oven &
oven for 7 days



in pairs:

- ① write initials
- ② mass of empty dish & write that too
- ③ put $\frac{1}{2}$ tennis ball of soil in dish, find mass, and write it!