

WARNING — This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision.

Name _____

Date _____

SEPARATING MIXTURES

PART 1. Prepare three cups. Put one level spoon (5-ml spoon) of each solid material in its cup. Observe the three solid materials. Fill in the property chart below.

	Color	Texture	Particle shape	Particle size	Other
Gravel					
Powder (diatomaceous earth)					
Salt (sodium chloride)					

PART 2. Add 50 ml of water (one full syringe) to each cup. Stir and observe. Write your observations here.

Gravel and water
Powder and water
Salt and water

PART 3. Separate all three mixtures with filters.

- Place a screen over an empty, labeled cup.
 - Stir the mixture thoroughly.
 - Pour the mixture through the screen filter.
 - If the screen filter doesn't separate the mixture, repeat the process with a filter paper.
- Were you able to separate the mixtures? Record your results.



	Screen	Filter paper
Gravel		
Powder		
Salt		