

Separating Materials



Process 1: Evaporation

Boil the mixture, or leave it for a few days, so the liquid evaporates leaving the solid behind.

For which mixture would this process work best?
Place your tally below.

Sand and water.	
Raisins and flour.	
Salt and water.	
Paper clips and rice.	

Process 2: Magnetic Attraction

Use a magnet to attract any magnetic materials and remove them from the mixture.

For which mixture would this process work best?
Place your tally below.

Sand and water.	
Raisins and flour.	
Salt and water.	
Paper clips and rice.	

Process 3: Filtration

Line a funnel with filter paper and place it over a beaker. Pour the mixture slowly into the filter paper. The liquid will get through and any insoluble solids will be caught in the filter paper.

For which mixture would this process work best?
Place your tally below.

Sand and water.	
Raisins and flour.	
Salt and water.	
Paper clips and rice.	

Process 4: Sieving

Pour the mixture through a sieve held over a bowl. The smaller particles will get through it into the bowl and the larger particles will be caught in the sieve.

For which mixture would this process work best?
Place your tally below.

Sand and water.	
Raisins and flour.	
Salt and water.	
Paper clips and rice.	