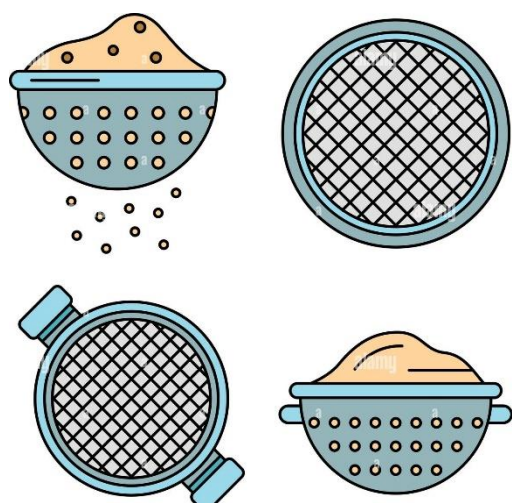


Autumn 1

Science

Chemistry - Separating Mixtures



In this unit, we will be learning:

1. What makes something pure?
2. What makes something a mixture?
3. What is a formulation?
4. How can we separate mixtures into pure substances?
5. How can you separate a mixture of sand, salt and water?
6. How can we separate river water into separate substances?

Subject Specific Vocabulary

sieving method	This is a method of separating particles of different sizes
filtering method	This is a method for separating an insoluble solid from a liquid.
evaporating method	The liquid changes into a gas, leaving the solid particles behind
melting	Heating a solid until it changes into a liquid.
freezing	When a liquid cools and turns into a solid.
reversible	This is when materials can be changed back to how they were before the reaction took place.
irreversible	An irreversible change is when something cannot be changed back to its original form.