

Properties and Changes of Materials Year 5



Think deeply about...

Solids, liquids or gases?

Why are certain materials suitable for certain purposes and why?

How can materials be separated?

How do materials have an impact on our world? Can we change that?

Learn...

How to sort and define properties of materials.
How to test materials and their suitability.
The differences between a solid, gas and liquid.
The process of evaporation.
How to separate materials.
The differences between irreversible and reversible changes.
What materials dissolve.
How we can help save our planet from certain materials.

Use...

Properties- a thing or things belonging to someone.
Conductor- a material or device that conducts or transmits heat or electricity.
Insulator- a substance which does not readily allow the passage of heat or sound.
States of matter- a physical condition as regards internal or molecular form or structure.
Evaporation- the process of turning from liquid into vapour.
Reversible- capable of being reversed so that the previous state or situation is restored.
Irreversible- not able to be undone or altered.
Dissolving- become or cause to become incorporated into a liquid so as to form a solution.



Explore...

Solids, liquids and gases videos and explanations- <https://www.bbc.com/bitesize/topics/zkgg87h>
Evaporation video and quiz- <https://study.com/academy/lesson/evaporation-lesson-for-kids-definition-facts.html>
Recycling- https://www.ducksters.com/science/environment/recycling_for_kids.php