

Science Unit 2: Material World



Overview

In this unit children learn about materials and how they change. First they test properties of materials before looking at how materials dissolve, what a solution is and evaporation. Finally, children compare reversible and irreversible changes

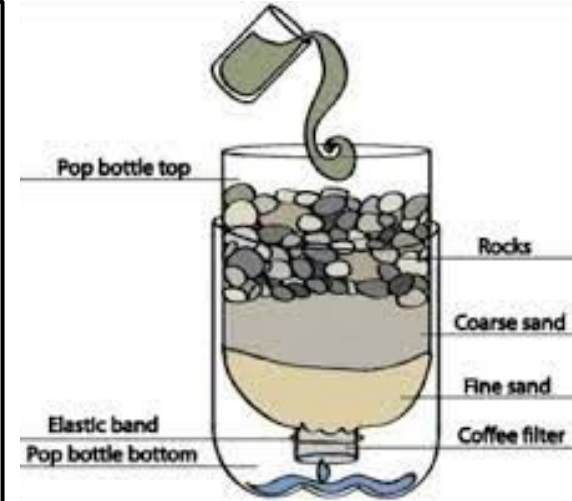
Key Vocabulary

Dissolve
Elastic
Electrical Conductor
Evaporate
Filter
Flexible
Insoluble/soluble
Rigid
Solute
Solution
Plastic
Solvent
Thermal Conductor
Thermal Insulator
Tough

Key Points of Learning (RAG)

- To sort according to most common materials and properties.
- To name a material and suggest why it has been used according to obvious properties.
- To carry out a fair test and use data to give reasons why one type of bag is the strongest.
- To know which materials are thermal conductors and thermal insulators.
- To identify materials that dissolve and define the words solute, solution and dissolve.
- To know that some materials will dissolve in liquid to form a solution.
- To explain how filtration works.
- To describe the process of evaporation.

Questions I want to Investigate now...



Useful Websites

[Separation](#)
[Evaporation](#)