



What should I already know?

I know that objects can feel and look different.

I can describe some similarities and differences between materials.

Vocabulary

| | |
|------------|----------------------------------------------------------|
| Materials | What an object is made from. |
| Properties | A way of describing how a material looks, feels or acts. |

What am I going to learn?

- The difference between an object and the material it is made from.
- To identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.
- To describe the simple physical properties of a variety of everyday materials.
- To compare and group materials based on their properties.

Properties

| | |
|------------|----------------|
| Hard | Soft |
| Stretchy | Stiff |
| Shiny | Dull |
| Rough | Smooth |
| Waterproof | Not waterproof |
| Absorbent | Not absorbent |



wood



glass



rock



plastic



metal



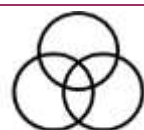
water

| | | | | | | |
|----------------------|-----------------------------|-----------------|---------------------------------------|--------------|----------|-----------------|
| Enquiry Types | Observing changes over time | Pattern Seeking | Identifying, Grouping and Classifying | Fair Testing | Research | Problem Solving |
|----------------------|-----------------------------|-----------------|---------------------------------------|--------------|----------|-----------------|

Connecting Concepts

Ask/ answer questions

I can ask and answer questions about the materials that I am exploring.



Identify, group and classify

I can sort objects into groups based on what material they are made from.



Plan/perform investigations

I can carry out a simple experiment to find out which materials float and which sink.