

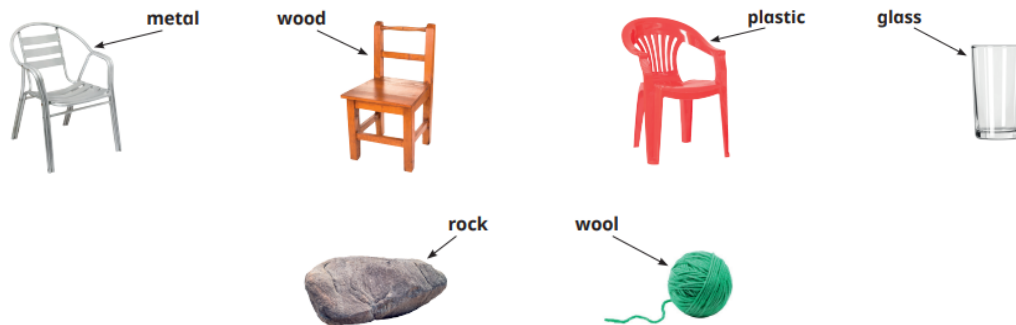
Materials

What should I already know?

- Some materials can change.
- Materials can feel different.

Key Knowledge

- Objects are made from different **materials**: **metal**, **wood**, **plastic**, **glass**, **rock** and **wool**.
- **Materials** can have different textures.
- There are different types of **rock**.
- **Rocks** come in different shapes, sizes and textures.
- **Rocks** can be used to build things, such as walls or buildings.
- Objects can be made from different **materials** depending on what they are used for.
- When water **freezes**, it turns to **ice**.
- When **ice melts**, it turns to **water**.
- Some **materials float** in water.
- Some **materials sink** in water.



Key Vocabulary and definitions

<b>Material</b>	What an object is made from.
<b>Soft</b>	A material that feels gentle to touch.
<b>Hard</b>	A material that does not easily change shape.
<b>Shiny</b>	A surface that can reflect light.
<b>Dull</b>	Not clear, bright or shiny.
<b>Smooth</b>	An even surface.
<b>Rough</b>	An uneven surface.
<b>Heavy</b>	Difficult to lift.
<b>Light</b>	Easy to lift.
<b>Melt</b>	When a <b>solid</b> changes to a <b>liquid</b> .
<b>Freeze</b>	When a <b>liquid</b> changes to a <b>solid</b> .
<b>Ice</b>	Water as a solid/frozen water.
<b>Float</b>	When an object stays on top of the water.
<b>Sink</b>	When an object falls to the bottom of the water.
<b>Absorb</b>	When liquid is taken in by a material.
<b>Transparent</b>	Materials you can see through.
<b>Opaque</b>	Materials you cannot see through.

More key vocabulary linking to pictures below.



Solid



Liquid