

Properties and Changes of Materials

Changing Materials

Cooling

Some materials change when we cool them (make them colder).
What does cooling do to these materials?

Freezing

When we freeze something we make it colder. We make it so cold that it changes from a runny liquid to a hard solid.
If we freeze water it turns into ice.

Boiling

When we heat up water so it is very hot it begins to bubble. We have made the water boil.

Materials can be...	
soft	hard
smooth	rough
transparent	opaque
waterproof	absorbent
bendy	stiff

Can you think of any other words to describe materials?

Why does this happen?

- What happens when you bend these materials?
- What happens when you squash these materials?
- What happens when you twist these materials?
- What happens when you stretch these materials?

