

## Types of Materials

This is **wood**.

We use wood to make things like **tables, chairs, furniture** and some **toys**.

Can you think of anything that is made from **wood**?



This is **metal**.

We use metal to make things like **cars, spoons, tins and musical instruments**.

Can you think of anything that is made from **metal**?



This is **rubber**.

We use rubber to make things like **car tyres, bouncy balls, balloons and wellington boots**.

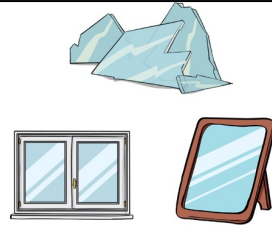
Can you think of anything that is made from **rubber**?



This is **glass**.

We use glass to make things like **windows, glasses and mirrors**.

Can you think of anything that is made from **glass**?



This is **plastic**.

We use plastic to make things like **toys, Lego™, games consoles and food packaging**.

Can you think of anything that is made from **plastic**?



## Properties of Materials and their Uses

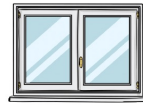
We can make **tables, chairs** and some **toys** from wood because it is **hard**. It can be **rough** or **smooth**.



We can make **cars, spoons** and some **musical instruments** from metal because it is **hard** and **smooth**. You can't see through it.



We can make **windows, mirrors** and **glasses** from glass because it is **hard** and see through. It is very **fragile**.



We can make **toys** and **food packaging** from plastic because it is **smooth** and **strong**. It can be **hard** or **bendy**.



We can make **wellington boots, car tyres** and **bouncy balls** from rubber because it is **squashy** and **waterproof**. You can **bend** it.



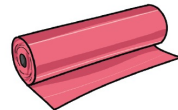
We can make **wrapping paper** and **books** from paper because it is **smooth**. It can tear easily.



We can make **tiles** and some **jewellery** from rock because it can be **hard**. Some rock can also be **fragile**.



We can make **clothes** and **bedding** from fabric because it is **soft**. It is usually **smooth**.



We can make **buildings** from brick because it is very **hard**. It can be **rough**.



## Key Vocabulary



**ABSORBENT:** A material that soaks up liquid easily.



**FRAGILE:** Something that is easily broken or damaged.



**HARD:** When certain animals spend the winter in a deep sleep.



**OPAQUE:** A material you cannot see through.



**ROUGH:** An uneven and not smooth surface.



**SMOOTH:** A surface that has no roughness, lumps or holes.



**TRANSPARENT:** A material you can see through.



**WATERPROOF:** Does not let water pass through it.