Key Knowledge

Physical properties of everyday materials can be described as: rough/smooth, hard/soft, transparent/opaque, runny/solid, waterproof/non-waterproof.

Properties of different materials can be described as: wood, metal, plastic, rubber, fur, towelling, nylon, wool, sponge, cotton wool, paper, card, brick, ceramic and rock.

Some materials float and others sink in water.

Some heavy objects float and some light objects sink.

Some materials allow light to pass through them, some allow a little to pass through, whilst others do not allow light to pass through at all.

Key Questions

How would you describe the properties of your object (for example, a teddy)?

Which material is the odd one out (for example: fur, cotton wool, rubber band)?

What would happen if you put a metal spoon in water?

Key Vocabulary

Rough/Wood

Smooth/Metal

Waterproof/Rubber

Float/
Sink

Transparent

Opaque