

## Knowledge Organiser: Year 2 Autumn Term

### Key Learning

- Distinguish between an object and the material from which it is made.
- Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water and rock.
- Describe the simple physical properties of a variety of everyday materials.
- Compare and group together a variety of everyday materials on the basis of their simple physical properties.
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick/rock, and paper/cardboard for particular uses.

### Prior learning

Y1 – name and compare different materials

## Materials

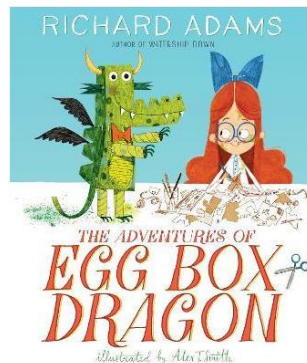
### Common Misconceptions

Some children may think...

- Objects are all made from the same material
- All materials can or cannot change shape
- All materials are suitable for the same task

### Related Texts

*The Adventures of Egg Box Dragon*  
by Richard Adams



### Key Vocabulary

material	The matter from which an object is made
adjective	A word to describe the material
light	Something which does not weigh much
heavy	Something which weighs a lot
tough	Something which is very strong
squashing	To crush or squeeze something
bending	To shape or force something into a curved angle
twisting	To form into a bent, curved or distorted shape
stretching	Pulling something which is capable of being made wider or longer

