

# Science Knowledge Organiser **Everyday Materials (Term 1)**

## Year 2

### Our learning

In our science lessons this term we will be learning about everyday materials. This is part of our **chemistry** work in science.

We will look at different materials and think about how they are **similar and different**.

We will do some investigations to find out what materials are best for making a boat float.



cork



sponge

### Information

Different materials can be useful for different things.

Some objects float and some sink.

Objects that float are usually light and full of air.

Objects that sink are usually heavy.

Some materials that float well include empty plastic bottles, feathers and cork.

Some materials that sink include brick and metal (for example coins).

### As a scientist I will ...

- Ask simple questions and answer them in different ways.
- Group materials to show how well they float.
- Plan a simple test.

### Vocabulary

**Float** - When something lays on the surface of the water.

**Sink** - When something goes down to the bottom in water.

**Light** - When something does not weigh very much

**Heavy** - When something weighs a lot

**Waterproof** - Something that keeps water out.

**Buoyancy** - A force that pushes up on an object to make it float

brick

