

# Science Knowledge Organiser Working Scientifically (Term 4)

Year 1

## Our learning

In our science lessons this term, we will be learning about working scientifically. We will look at how things can sail and fly. This is part of our **physics** work in science.

We will study **patterns** in the results of simple tests.



Archimedes shouted 'EUREKA!' when he sat in a bath and the water went up!

Ask a question

Think about how to test

Predict what might happen

Complete your test

Talk about what you found out

## Information

### Let's make it fly! Let's make it sail!

A sail catches the wind to help a boat move. A bigger sail would catch more wind

The shape of an object will help it to fly.

**Archimedes** was a famous scientist who discovered that bath water rises (goes up) when you sit in it.

## As a scientist I will...

- Suggest different ways to answer questions.
- Ask simple questions.
- Use scientific words in my answer.
- Make observations during a simple test.
- Say what might happen in a simple test.
- Use simple scientific equipment and record measurements.
- Identify and classify (sort) according to shape.

## Vocabulary

**Sail** - Material shaped to catch the wind

**Wind** - Moving air

**Observe** - To look closely

**Compare** - To look at what is the same and different

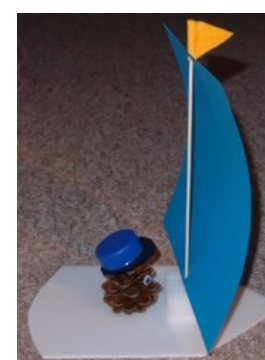
**Measurements** - Data collected from an experiment

**Test** - A scientific way to try out your ideas

**Results** - What you find out from your test

**Diagram** - A drawing to help explain an idea

**Chart** - Used to share data



A sail catches the wind



Paper aeroplanes of different shapes

