

# KS1 Science Knowledge Organiser

## Term 4

**Key Enquiry Question:** How can the shapes of solid objects be changed?

### **National Curriculum Objectives:**

Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.



### **Key Vocabulary**

Dough

Elastic

Pull

Push

Squash

Squeeze

Stretch

Twist

Bend

### **Working scientifically skills:**

Observe closely.

Perform simple tests.

Identify and classify.

Use observations and ideas to suggest answers to questions.

Gather and record data to help in answering questions.

### **Sticky Knowledge / Golden Thread (hierarchy):**

- Some materials can change shape by exerting different forces on them: Squashing
  - Stretching
  - Pushing
  - Pulling

Materials can be sorted in different ways. Some materials may be best of jobs that other materials are not good for.

Scientist of the term - Sir Isaac Newton. Isaac Newton first discovered gravity.