



Year 4 Spring 1

Home learning



This half term we are going to be learning about 'states of matter' in our science lessons and 'sculpture and the artist Alberto Giacometti' in art lessons. Please choose one of the four activities from either subject to complete.

The deadline for projects to be brought into school is **Monday 9<sup>th</sup> February 2026**

Science - States of Matter

**1). Matter Around Us Poster**

**Objective:** Identify and classify examples of solids, liquids, and gases. Create a colourful poster showing at least **5 examples** of solids, liquids, and gases from your home or school. Label each example and explain **why it fits that state of matter**. Bonus: Add drawings or cut-out pictures from magazines.

**2). Melting and Freezing Experiment**

**Objective:** Observe changes in state caused by temperature.

Choose one solid (like ice) and one liquid (like water). Place the ice somewhere warm and observe how long it takes to melt into water. Then, place water in the freezer and observe how it freezes into ice. Record your observations in a table and draw a simple diagram showing the change. Time the changes - can you record this data?

Art - Sculpture from other artists

**1) Andy Goldsworthy - Natural Material Sculpture**

Research images of his sculptures. (He uses natural items - leaves, stones, sticks.) Create a temporary sculpture in the garden or park using found natural materials. Then, photograph it before it blows away!

**2) Barbara Hepworth - Carved Soap Sculpture**

Learn about Hepworth's abstract forms with holes and tunnels. Then, use a bar of soap and tools like a spoon or blunt knife (with adult supervision) to carve simple shapes. Try to include one pierced hole, like Hepworth. Can you explain why Hepworth included holes in her sculptures?