

### MATHS

#### Family Fun

*Try out these fun Maths activities at home.*

### Maths Fun From our Friends at The SCIENCE MUSEUM

#### Shape Detectives (KS1)

<https://learning.sciencemuseumgroup.org.uk/resources/shape-detectives/>

This activity involves cutting out templates and looking through the openings to find these shapes in the real world.

#### Bottle Top Shapes (KS1)

<https://learning.sciencemuseumgroup.org.uk/resources/bottle-top-shapes/>

Shapes and patterns can be found all around us – from flowers to footballs and seashells to staircases. In this activity, simple lines drawn on bottle tops or jam jar lids provide a fun way into the wonderful world of geometry.

#### Did you know

A football is made up of two different repeating shapes. The black patches are pentagons and the white patches are hexagons.



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#### Bubble Geometry (KS2)

<https://learning.sciencemuseumgroup.org.uk/resources/bubble-geometry/>

Geometry is the study of shapes and their properties. This activity makes use of geometry in observing the shapes and angles soap bubbles create when they join together.

#### Make an Animation (KS2)

<https://learning.sciencemuseumgroup.org.uk/resources/make-an-animation/>

An animation is made up of a sequence of still images shown in rapid succession, each image slightly different from the last.

This activity involves making a device called a phenakistoscope, which displays a continuously looping animation consisting of images drawn onto a spinning disc.



**Skills: Problem solving, Creativity and Adapting**

**1 Credit per activity**