

25 September - 1 October 2023

MATHS WEEK SCOTLAND 2023

RESOURCES

We have gathered together some of the best resources relating to this year's Maths Week Scotland theme of Motion in Maths.

Resource

**...BUT WHEN WILL I
EVER USE THIS?**

[View resource](#)

Videos

**MARVELLOUS
MATHS**

[View resource](#)

Resource

**MATHS
CHALLENGES**

[View resource](#)

Activities

**BREAKOUT OF MATHS
STEREOTYPES**

[View resource](#)

Resource

**STEM AMBASSADOR
SPOTLIGHTS**

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FOR PRIMARY SCHOOL PUPILS

Starters for STEM (ages 4 – 11)

Starters for STEM consists of lots of easy to run activities suitable for children from 4-11. Designed for parents to use at home they help children develop their science, technology, engineering and maths skills. They are designed to be fun for children and easy to run for parents, who can chose to do as many as they wish.

[View resource](#)

Counting Games (ages 3 – 5)

A selection of games published by BEAM for teachers of early years mathematics. The games enable students to develop their skills of number recognition, counting, comparison and writing of numbers.

[View resource](#)

Space Debris (ages 7 -11)

These inspirational resources introduce primary pupils to the concept of space debris and help raise their awareness of how important it is to clean up space.

[View resource](#)

Mission to the Moon (ages 5 – 11)

This collection of practical activities, investigations and games is all based on current lunar research. It supports many aspects of working scientifically and links to area of the curriculum including: earth and space, light and shadows, forces, materials, changes of state and rocks and soils. Activities are provided for children of different ages and have clear curricular and career links and opportunities developing problem-solving, critical thinking, and creativity.

[View resource](#)

Maths Ceilidh (all ages)

Get your dancing shoes on and explore symmetry and data collection through ceilidh dance. These activities can be done with a whole class, small groups or objects on a tabletop.

[View resource](#)

Maths Outdoors (primary)

A planning framework for your outdoor sessions including 25 outdoor maths games for everyone.

[View resource](#)

FOR SECONDARY SCHOOL PUPILS

How Fast is London (ages 11 - 14)

Starters for STEM consists of lots of easy to run activities suitable for children from 4-11. Designed for parents to use at home they help children develop their science, technology, engineering and maths skills. They are designed to be fun for children and easy to run for parents, who can chose to do as many as they wish.

[View resource](#)

Saving the planet one journey at a time (ages 11 - 14)

This maths-based challenge explores sustainable travel, developing student understanding of the effects that some modes of transport have on the environment and ways of reducing it.

[View resource](#)

Music Festival (ages 14 +)

This resource is part of a collection of Nuffield Maths resources explores Data Handling. The demand is roughly equivalent to that in Higher Level GCSE and Level 2 Functional Mathematics.

[View resource](#)

Safety Matters (ages 11 - 14)

In this activity, students are asked to analyse data to work out which form of personal transport is currently the least safe. They then consider what safety features are in use at the moment.

[View resource](#)

Faye Cashman: Spacecraft Engineer (ages 11 +)

Faye Cashman is a Systems Engineer at Astrium in Portsmouth. In this video, Faye describes her work with all sorts of spacecraft systems such as communication satellites and the Mars Rover.

[View resource](#)

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