



STEM Resources

Science, Technology, Engineering and Maths

The STEM website has lots of science, mathematics, design and technology and computing family activities and home learning.

Maths resources

The **White Rose Maths Team** has prepared a series of maths lessons for each year group from Year 1-6. This is the scheme we follow in school so you know you will be on the right track. Every lesson comes with a short video showing you clearly and simply how to help your child to complete the activity successfully.

TTBlast on LGFL - choose your timetables to practise. Can be used without a login.

NRICH - Click on the primary hub to access maths problem solving activities for children.

Topmarks Daily Ten and other maths games.

ICT Games - maths games.

My Mini Maths for Y3-6. Free and easy to use tasks to develop their confidence and understanding.

Third Space Learning - Home learning resources for Key Stage 1 and Key Stage 2 maths.

I see maths information, resources and links for daily home maths lessons.

Maths dictionary- a Maths for Kids is an animated, interactive online maths dictionary.

My Home School Math- Activities that improve focus, concentration and visual attention.

The Maths Factor- Maths with Carol Vorderman

Computing

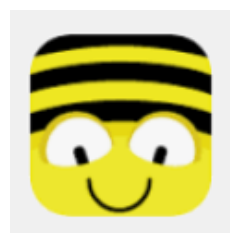
Dance-mat Typing skills -this is a great opportunity for children to improve their typing skills. Purple Mash also has a typing program called 2Type.

Code Club self-led coding projects using Scratch or HTML/CSS projects.

Scratch - children can watch the tutorials and practise their skills. They can set up their own accounts with parental permission. For KS1 we recommend **Scratch Junior** which is a free app on ipads and tablets but not PC's.

Code.org You can use **hour of code** or sign up for a **free coding course**. These courses are self-led and age appropriate and are brilliant for developing vital debugging skills.

The Bee-Bot® App enables children to improve their skills in directional language and programming sequencing. Available on both Apple and Android .



Science

NFU Education - Science and STEM resources.

Topmarks Science- Links to Science related games and activities.

Wow Science- Games, activities, Videos and Experiments to try at home.

The Pod All the resources in the Student Zone can be downloaded without needing a Pod account. But if parents want to **register** (it's free), this also gives you access to the schools' content as well.

Underground adventure – a virtual tour of the world of worms or other underground insects.

KidZone science – experiments and facts about seeds, mould, the water cycle, and more.

Kids Astronomy – suitable for anyone interested in space exploration and astronomy.

Virtual pond dip – here you can examine creatures found in a typical pond, without getting wet.

Neuroscience for kids – all you ever wanted to know about the brain, and how it works.

Explorify- a growing range of science resources and ideas for home learning

NASA for Kids – Latest images, videos and news from America's space agency.

The Happy Scientist - Fun ways to learn about science, including lots of different lessons and videos.