

# Maths



<https://whiterosemaths.com/homelearning/>

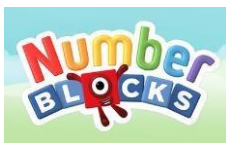
White Rose Maths Team have prepared a series of five Maths lessons for each year group from EYFS and Year 1-8. They will be adding five more each week for the next few weeks. Every lesson comes with a short video showing you clearly and simply how to help your child to complete the activity successfully.

1. Click on the set of lessons for your child's year group.
2. Watch the video (either on your own or with your child).
3. Find a calm space where your child can work for about 20-30 minutes
4. Use the video guidance to support your child as they work through a lesson.



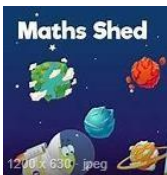
<http://www.maths-games.org/>

A great collection of free maths games.



<https://www.numberblocks.tv/>

The animated adventures of friends who can always count on each other. Here you will find lots of videos you can watch with your children.



<https://www.mathshed.com/en-gb> Maths Shed is a Maths platform designed to significantly impact on the enjoyment of Maths and results. It is built with students, teachers and parents in mind and aims to make learning Maths facts fun.



<https://nrich.maths.org/covid19>

NRICH, the tried and tested place for free problem solving and reasoning activities, have highlighted some particularly good home activities for all levels of maths up to post 16.



<https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=1>

Topmarks gives children the opportunity to learn online, through safe, fun and engaging games and activities. It features great, educationally sound online resources. Topmarks is a safe environment for children because we only include trustworthy, reliable educational content. A good place to start is our fun



# Science



<https://www.oxfordowl.co.uk/for-home/at-school/subject-guides/science-at-primary-school/>

Exciting and practical science ideas and activities to try at home



[www.stem.org.uk/home-learning](http://www.stem.org.uk/home-learning) Free resources for home learning, family activities and continuing in-school delivery. STEM say: "Our subject experts have put together a selection of resources, all of which are completely free for everyone to access. Our subject experts are also available weekdays from 8.30am to 4.30pm via our web chat, which you can find in the bottom right hand corner of all our web pages. Look out for new content and ideas every week."

[www.stem.org.uk/sites/default/files/pages/downloads/Starters-for-STEM.pdf](http://www.stem.org.uk/sites/default/files/pages/downloads/Starters-for-STEM.pdf) STEM say: "Starters for STEM are ten activities that parents can use at home to help children develop their science, technology, engineering and maths skills. These activities are easy-to-resource and provide children with the stimulus to talk about the world around them."

## Starters for STEM



Starters for STEM are 10 activities that parents can use at home to help children develop their science, technology, engineering and maths skills. These activities are easy to resource and provide children with the stimulus to talk about the world around them. If you see a link, you can explore how to extend these activities, you will need to sign up, for free, to access these materials. Don't forget to share your work on social media [#ScienceFromHome](#)

### Fantastic fruits,

Collect a selection of fruits. Are they all the same? Do you know what they look like inside?

Look inside—what patterns do you notice?

[www.stem.org.uk/rx64kj](http://www.stem.org.uk/rx64kj)

### Garden/home treasure hunt

Create a rainbow collage by collecting coloured materials from your garden or home.

[www.stem.org.uk/rx33ho](http://www.stem.org.uk/rx33ho)

### What's in your house?

Find 5 things in your house. What are they made from?

Can you name the properties of the different materials?

[www.stem.org.uk/rxq2rt](http://www.stem.org.uk/rxq2rt)

### Growing plants from the things you throw away

Collect the seeds from the fruit that you eat. Including tomatoes and squash.

Do they all look the same? Plant them and observe how they grow.

[www.stem.org.uk/rx32mj](http://www.stem.org.uk/rx32mj)

### Imagine what your life would be like without plastic

Write a story or create a comic strip for 'a life without plastic'.

Are all plastics the same? Do they all float?

[www.stem.org.uk/rx355t](http://www.stem.org.uk/rx355t)

### How does our body work?

Go outside and use chalk to draw around someone's body.

Can you draw what is inside your body? What does each part do?

[www.stem.org.uk/rx34f3](http://www.stem.org.uk/rx34f3)

### Spooky sounds

Sit quietly for 60 seconds, make a list of everything you can hear. Try this in different places, indoors, outdoor or even in the bath.

What do you think it would sound like in space?

[www.stem.org.uk/rxzum](http://www.stem.org.uk/rxzum)

### Excellent electricity

Make a list using words/drawings to find all the things in your home that use electricity.

If you could keep only one item which would it be? Why?

[www.stem.org.uk/rxxxr](http://www.stem.org.uk/rxxxr)

### Fun with flight

Design and make a paper aeroplane that will travel the furthest.

Does changing your design make it go further?

[www.stem.org.uk/rxfiy7](http://www.stem.org.uk/rxfiy7)

### Who would live in a house like this?

Design a creature that would live in the boot of your car, or the bottom of your bag.

What special adaptations/characteristics would it have?

[www.stem.org.uk/rxq7nj](http://www.stem.org.uk/rxq7nj)



<https://developingexperts.com>

Designed for children aged 4 - 14 years, we provide teachers and schools with access to more than 700 online Science lesson plans that come with practical experiments, worksheets and **assessment for learning activities** fully mapped against the **National Curriculum**.



<https://www.activelearnprimary.co.uk/>

Interactive resources and planning covering the primary science curriculum.

## Design & Technology



<https://www.jamieoliver.com/kitchen-buddies/>

Kitchen Buddies | Jamie Oliver COOKING WITH KIDS #KITCHENBUDDIES. Jamie's teaming up with his son Buddy to help inspire more kids to get cooking. Spending time cooking together is a brilliant way for kids to learn important kitchen skills while having fun with you!

# Computing & e-Safety



[www.stem.org.uk/home-learning](http://www.stem.org.uk/home-learning) Primary and Secondary STEM magazines - contains maths problem solving and reasoning activities with additional cross curricular mathematical links.



<http://barefootcas.org.uk>

Barefoot say: "60 cross-curricular lesson plans and resources that bring computing to life, with or without a computer. From using Scratch to understanding key computer science concepts quickly and easily, improve your subject knowledge with our jargon-free online guides."



<https://www.youtube.com/watch?v=BOLR3pQt8zg>

## Dough disco

Dough disco involves moulding play dough in time to music and performing different actions such as rolling it into a ball, flattening it, putting each individual finger into the dough, rolling it into a sausage and squeezing it.

Children and adults need to have strong muscles in their hands to enable them to write effectively. This is exercise for the fingers to improve fine motor control and gross motor skills. Doing these simple, fun exercises will help your child prepare for writing. Dough Disco can also be used to develop finger dexterity for people with health conditions or impairments.