

# Parent's Guide

## Using Purple Mash for

# Science

purple  
mash

Learning science in primary school is important because it helps children make sense of the world around them and prepares them for making informed decisions in a world shaped by scientific and technological development. It encourages curiosity, questioning, and hands-on exploration, which are key to developing critical thinking and problem-solving skills. Science also teaches children how to observe carefully, test ideas, and understand basic concepts about living things, materials, and the environment.

### How can you support at home?

Purple Mash contains a large resource bank of scientific tools (graphing and classification), explanatory videos and slideshows as well as writing frames for children to record their knowledge and understanding.



Start on the Purple Mash homepage by clicking on the 'Science' folder. If your child's school uses Purple Mash, ask your child to show you the topics and tools they've been working with. You can also use the search bar to find tools, activities and themes.

### Here are suggested starting points based on your child's age:

#### If your child is aged 3-5, have a go at these:

##### Garden Centre

Search 'Garden Centre' in Mini Mash. Design your virtual garden, plant some seeds and help them grow.



##### Painting Nature

Navigate to the outdoor area in Mini Mash and click on the paint area. Choose the 'Nature' category to paint seasons, weather, plants and places.



## If your child is aged 5-7, have a go at these:

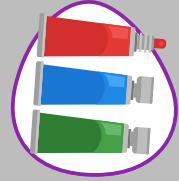
### 2Create a Story

Use this sequencing tool to write and illustrate the lifecycle of a butterfly.



### Minibeast

Using the minibeast painting template in 2Paint, create your very own symmetrical minibeast. Talk about it with your child. Where might it live, what might it eat?



## If your child is aged 7-9, have a go at these:

### Interview Neil Armstrong

It's 1969 and you're the first person to walk on the moon. Answer these interview questions about your experience as if you are Neil Armstrong.



### 2Question

Make your own branching database to help you classify data. Theme it on materials, minibeasts, animals, space or trees.



## If your child is aged 9-11, have a go at these:

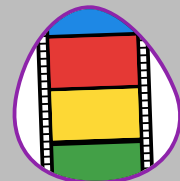
### Let's debate

Use "Fair Trade Debate" or "Air travel" templates to set out your points for and against. Flip a coin to set your stance and argue your points with a family member.



### 2Animate

Animate a scientific process, i.e. how the heart pumps blood around the body.



## Sign up to our Purple Mash Parent Newsletter Today!

Our newsletter is designed especially for parents and carers of children who use and love Purple Mash.

