

Why is Science important?

Science allows children to explore and make sense of the World around them. It is a pivotal subject that develops a questioning mind and a sense of wonder. The subject instills logic that allows pupils to ask questions and develop the skills they need to answer them.

It is a core subject at Maryland, we give the teaching and learning of science the prominence it requires. Our pupils leave school with a strong foundation of knowledge and an enthusiasm that will help them further their education and instil a lifelong passion for science.

How our Science curriculum is designed

We follow the National Curriculum for Science, which is enhanced through the EduKent scheme of work. Science is taught weekly, in topics that span each half term. Children have a whole afternoon on the subject so that they have the opportunity to immerse themselves into each concept. All lessons have a skills focus as well as an emphasis on knowledge. When they plan experiments, they are encouraged to identify their own lines of enquiry. This, not only develops their critical minds but also deepens their scientific knowledge and understanding.

How children learn Science at Maryland:

Maryland scientists will:

- Take part in something practical in all lessons, e.g. testing sound vibrations in different musical instruments, or designing and testing rockets using alka-seltzer tablets
- Develop the skills of predicting, testing and making conclusions which are embedded into the Maryland philosophy of critical thinking
- Take part in unique scientific experiences such as meeting Tim Peake at a space conference, taking part in shows and workshops led by the Royal Institution and taking part in Science competitions and awards
- Showcase their learning with parents and the wider community at Maryland Science Fairs
- Work with real life expert scientists such as Engineering students from University College London
- Find out about careers within science, listening to speakers from the STEM industries and seeing real scientists at work
- Make first hand observations and learn through nature in our award winning Nature's Garden and Cluckingham Palace
- Visit museums such as The Science Museum, The Royal Observatory and The Natural History Museum

Find out about our egg business
(Eggstraordinaire)



run by our Eggsperts

Fresh free-range Eggs sold each Tuesday £2.00 for 6.
Proceeds go to the upkeep of the hens and the Palace.

