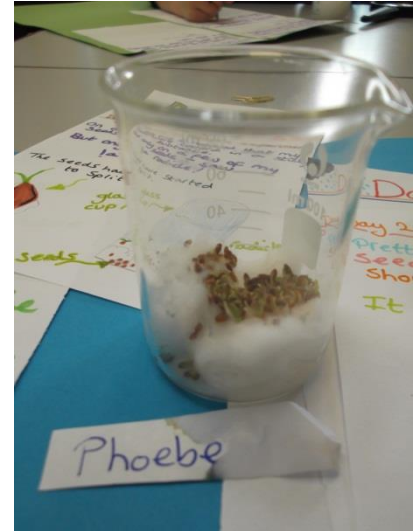


Aims

The national curriculum for science aims to ensure that all pupils:

- develop **scientific knowledge and conceptual understanding** through the specific disciplines of biology, chemistry and physics
- develop understanding of the **nature, processes and methods of science** through different types of science enquiries that help them to answer scientific questions about the world around them
- are equipped with the scientific knowledge required to understand the **uses and implications** of science, today and for the future.



Throughout the school, we try to make Science as practical as possible, allowing the children to access lots of different opportunities to plan and investigate answers to questions. Sometimes the children think of the questions themselves.

We also have a Science theme week which enables teachers and pupils to access Science knowledge outside of the curriculum and explore areas more deeply. This is always popular with the children and can get rather messy!

Green Grangefield happens annually where all children work in their owl groups accessing their learning outside all day. Activities are based around the Science, Art and Outdoor Learning curriculum which enables the children to make links between the different areas of the curriculum. This is one of the most popular days for both staff and children in the school year.

Slowly, rolling around on the incubator floor was a small egg. Minutes later, a tiny wet chick managed to squidge its way out. Cute!



We head off to the Science Festival on a rolling programme so all children get to experience it before they leave the school. We also invite workshops in to school.

KS1	Year One Projects (Science content)		
	Planes, Trains and Automobiles	When I Grow Up	Oh, I do like to be beside the seaside!
	Everyday Materials Seasonal Changes (run throughout the year)	Plants	Animals including humans
	Year Two Projects (Science content)		
	Planes, Trains and Automobiles	When I Grow Up	Oh, I do like to be beside the seaside!
	Use of Everyday Materials	Plants Animals including humans	Living things and their habitats
KS2	Year Three Projects (Science content)		
	River Deep, Mountain High	Rocking All Over the World	Time Warp
	Animals including humans Plants	Rocks	Forces and Magnets Light
	Year Four Projects (Science content)		
	River Deep, Mountain High	Rocking All Over the World	Time Warp
	Animals including humans Sound	States of Matter – Water cycle Living things and their habitats	Electricity
	Year Five Projects (Science content)		
	Through the Keyhole	Space Invaders	Here, There and Everywhere
	Living things and their habitats Properties and changes in material	Earth and Space Forces	Animals including humans
	Year Six Projects (Science content)		
	Through the Keyhole	Space Invaders	Here, There and Everywhere
	Light Living things and their habitats	Evolution and Inheritance Animals including humans	Electricity

