


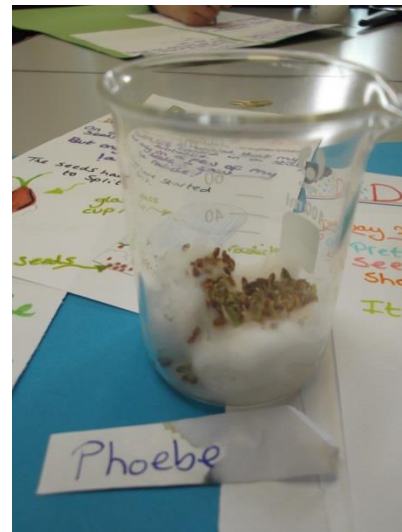


## Aims

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.

# SCIENCE

<b>KS1</b>	<b>Year 1</b>					
	<b>Land of the Giants</b>		<b>Paddington Goes to London</b>		<b>Captain and Compasses</b>	
	Animals including humans Working Scientifically Seasonal Changes		Plants Working Scientifically Seasonal Changes		Materials Working Scientifically Seasonal Changes	
	<b>Year 2</b>					
	<b>Land Before Time</b>	<b>Who lives in a house like this?</b>	<b>Land, Sea and Air</b>		<b>Turrets and Tunnels</b>	
Animals including humans Working Scientifically	Living things and their habitats Working Scientifically	Materials Working Scientifically		Sound Plants Working Scientifically		
<b>KS2</b>	<b>Year 3</b>					
	<b>Awesome Egyptians</b>		<b>Angry Earth</b>		<b>Monolith to Metal</b>	
	Forces Animals including humans		Plants Light		Rocks Scientific Enquiry	
	<b>Year 4</b>					
	<b>The World At Our Feet</b>		<b>Groovy Greeks</b>		<b>The Roaming Romans</b>	
	Living Things and their matter States of matter		Sound Animals including humans		Electricity Scientific Enquiry	
	<b>Year 5</b>					
	<b>All Aboard the Time Machine</b>		<b>Out of This World</b>		<b>Everywhere We Go!</b>	<b>Brilliant Brazil</b>
	Properties and changes of materials Scientific Enquiry		Forces Earth, Sun and Moon		Animals including humans	Living things and their habitat
	<b>Year 6</b>					
	<b>In the Beginning</b>	<b>Toy Story</b>	<b>SPLASH!</b>		<b>Viking Warriors</b>	
Evolution and inheritance	Electricity	Living things and their habitats Light		Animals including humans Scientific Enquiry		