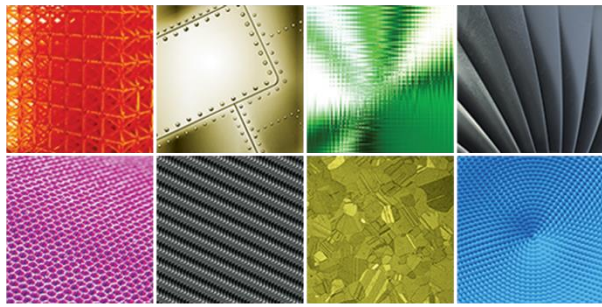


# Big Question: Where Will Our Future Take Us?

With a focus on: Computing



Key vocabulary we will learn this term:

opaque winter  
 absorb rocket  
 rough shade smooth bendy  
 safety respect texture computing translucent  
 dark materials summer  
 seasons investigate code suitable  
 past transparent painting mixing present  
 programming rigid tint skyline space  
 sequence moon waterproof autumn  
 direction privacy security





This term promises to be an exciting term with our big question: Where Will Our Future Take Us? The children will be taking part in lots of computing activities, science experiments and dressing up to explore the world around them and the possibilities that lay before them.



The children will take part in regular Learning in Nature sessions every other week. When there is not a Learning in Nature session, children will do PE instead. PE on Thursdays will be every week.

Key dates for the diary:

- 1st September - INSET School closed to children
- 4th September - INSET School closed to children
- 5th September - Start of term 1
- 6th September - National read a book day
- 11th September - Meet the teacher evening
- 13th September - PSHE Curriculum meeting
- 13th September - Roald Dahl's Birthday
- 16th September - World clean up day
- 25th September - Jeans for Genes day

At Gagle Brook, learning will be driven by:

Knowledge & Skills	Enquiring Minds	Language Rich	Values & One Planet Principles
<p>Our learning is carefully sequenced to ensure that the children consolidate the knowledge and skills previously learnt and new skills are carefully steadily built upon in small, incremental steps. The children will take their learning deeper before covering new content.</p> 	<p>We care about our learning and the children will demonstrate this through having enquiring minds and asking questions. There are no limits to curiosity, questioning and challenge, whether children are actively learning inside or in our extensive outdoor classroom environment whilst building resilience, independence and a 'can do' attitude.</p> 	<p>We will provide the children with a school environment which is rich in opportunities for exploring language and acquiring new language skills. Key vocabulary will be displayed in the classroom and children will make use of this within their learning. We will immerse children in high quality texts across the curriculum and continue our 'Reading for Pleasure' ethos.</p> 	<p>Our values and one planet principles sit at the heart of our school community. Each term we choose a key figure who represents our values, and the children learn about them.</p> <p><b>Our Value this term is:</b> Respect</p> <p><b>Our Key Figure this term is:</b> Alan Turing</p> <p><b>Our One Planet Principle is:</b> Equity and Local Economy</p> 

Core Learning Skills	As Successful Learners...	Core Learning Skills		
<p><b>As Writers and Readers...</b></p> <p>This term our core text is 'Bob the Man on the Moon'. Children will use this text to create some descriptive writing pieces using adjectives and have a go at writing their own story from an alien's point of view.</p> <p>Guided Reading, spellings, handwriting and grammar will continue to be taught as part of the English curriculum.</p> <p>At Gagle Brook we emphasise the importance of reading widely and are passionate about reading. This term the children will explore a variety of texts linked to our core texts, giving contextual knowledge and developing their reading skills using 'Look, Clue, Think, Word'.</p>	<p>We will be immersing ourselves into the One Planet Living Principles so children can understand the impact they can make on the planet through the decisions they make.</p> <p><i>Alan Turing was a British mathematician and computer scientist who helped towards decoding German messages during World War 2.</i></p> 	<p><b>As Historians...</b></p> <p><b>Neil Armstrong</b></p> <p><b>Children will:</b></p> <ul style="list-style-type: none"> <li>• Discuss the difference between the past and the present</li> <li>• Learn who Neil Armstrong is and what his contributions to history were</li> <li>• Order the events of the moon landing on a timeline</li> <li>• Think about how it may have felt to be part of the moon landing</li> </ul>	<p><b>As Theologists...</b></p> <p>This term is focused around <b>kindness and caring for others</b>, linking these messages to <b>Christianity</b> and the teachings of Jesus.</p> <p>We will debate the question "Is it possible to be kind to everyone all of the time?"</p>	<p><b>As Technologists...</b></p> <p>We always begin our computing learning by discussing our <b>SMART</b> rules – focusing on recapping all the rules they have learnt this year. We will also be looking at <b>Privacy &amp; Security and Self-Image and Identity</b>.</p> <p>Children will also be learning about <b>Programming</b> and will:</p> <ul style="list-style-type: none"> <li>• Use Bee Bots to discover the function of different buttons</li> <li>• Program Bee Bots to move forwards and backwards</li> <li>• Sequence commands using a Bee Bot to perform a short sequence of movement</li> <li>• Create two routes for a Bee Bot to travel to the same destination.</li> </ul>
<p><b>As Mathematicians...</b></p> <p>For the start of the term, we will start by looking at <b>Number and Place Value</b>. Children will learn about the value of a ten and the value of a one. They will use straws and dienes to represent 2-digit numbers and write 2-digit numbers both in words and in digits.</p> <p>We will then look at <b>Geometry</b> where children will learn about pentagons, hexagons and octagons. They will also look at lines of symmetry in shapes. Then, children will learn about 3d shapes and classify vertices, edges and faces.</p> <p>Finally, we will move onto <b>Addition</b> where children will learn and practice a variety of techniques for addition including bridging through 10, counting on and partitioning.</p>	<p><b>PHSE</b></p> <p><b>Being Me in My World</b></p> <p>Hopes and Fears Rights and Responsibilities Rewards and Consequences Our Learning Charter Owning Our Learning Charter</p>  <p><b>Values for life</b></p> <p>The value for Term 1 is: <b>Respect</b> Our key figure this term is: <b>Alan Turing</b></p>	<p><b>As Scientists...</b></p> <p><b>Working Scientifically</b></p> <p><b>We are learning:</b></p> <ul style="list-style-type: none"> <li>• To ask questions and plan investigations</li> <li>• To answer questions through gathering evidence</li> </ul>	<p><b>Thinking Scientifically</b></p> <p><b>We will be learning:</b></p> <ul style="list-style-type: none"> <li>• What materials are and what materials are part of our daily lives.</li> <li>• About properties of different materials, including waterproofing and absorbency.</li> <li>• About the suitability of different materials for different tasks.</li> <li>• How to plan an investigation and gather evidence.</li> <li>• What seasons are, when they happen and why.</li> </ul>	
		<p><b>As Artist and Design Technologists...</b></p> <p><b>We are:</b></p> <p>Learning about Van Gogh and using inspiration from his work to create our own city skyline paintings.</p> <p>We are going to learn about primary and secondary colours as well as adding light and dark.</p> <p>We are going to experiment with mark making and painting tools to create texture.</p>	<p><b>As Athletes...</b></p> <p>We will develop our <b>ball skills</b> and play a variety of <b>ball games</b> such as handball and bench ball to develop our <b>ability to work as a team</b>.</p>	<p><b>As Musicians...</b></p> <ul style="list-style-type: none"> <li>• Finding the pulse and beat of a piece of music</li> <li>• Adding rhythm and pitch on top of a beat</li> <li>• Start by listening, singing and playing then progress to composing and performing</li> </ul>