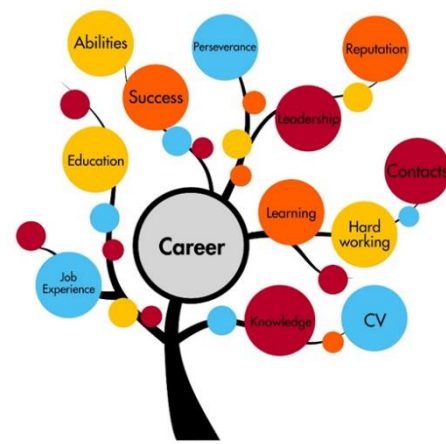
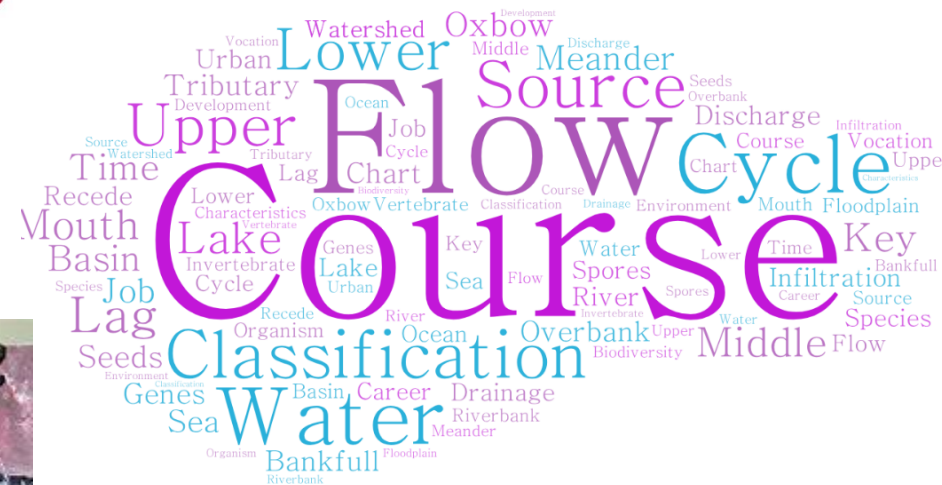


# Big Question: Where will our future take us?

With a focus on: Computing



Key vocabulary we will learn this term:



This term promises to be an exciting term with **our** big question: **Where will our future take us?**





Our Year 4 topic is called World Wide Wet. We will be exploring the world and looking at different opportunities in the Great Outdoors. In Geography we will be focussing on rivers, and this will link to our termly Art Project where we will be using different textures to weave a masterpiece.



The children will take part in fortnightly 'Learning in Nature' sessions (starting in week 2) and PE continue to take place twice weekly (Monday and Wednesday), which will include swimming during the year (further details will follow with the term and timings).

**Key dates for the diary:**

- 6<sup>th</sup> September National Read a Book Day
- 7<sup>th</sup> Dress Up Day – dress up as the job you would like to have in the future
- 11<sup>th</sup> Open Evening 'Meet the new Teacher' 3:30-4:00pm
- 13<sup>th</sup> PSHE Curriculum Meeting for parents: Reception, Years 1-5 2.45pm (Term 1)
- 25<sup>th</sup> 'Jeans for Genes' day
- 30<sup>th</sup> Macmillan Cake sale 8.45am
- 3<sup>rd</sup> October Reading Workshop for parents 9.15am (Teams) Year 3-5
- 9<sup>th</sup> INSET day – school closed to children
- 10<sup>th</sup> World Mental Health day
- 16<sup>th</sup> Parents Consultation evening 3:30 – 5:00
- 17<sup>th</sup> 'Our Learning Showcase' for all parents 2pm (Nursery 8.45am)
- 18<sup>th</sup> Parents Consultation evening 3:30 – 7:00
- 20<sup>th</sup> End of Term
- 30<sup>th</sup> Start of Term Two

**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 Community &amp; Sustainable Transport</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 'A River' by Marc Martin. We will start the term by exploring the water cycle and using this, along with our learning in Geography, as an impetus to write a series of short pieces and a retell of the book in our own words.</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 retrieval and inference.</p> <p>Please do try to hear your child read daily and use their reading diary to record the reads in. We will also listen to the children read weekly in school.</p>	<p>We will be immersing ourselves into the One Planet Living Principles, focusing on just a few so children can really understand the impact they can make on the planet through the decisions they make.</p> <p>We will also be learning about Alan Turing this term:</p> <p><b>Full name:</b> Alan Mathison Turing  <b>Born:</b> 23rd June 1912  <b>Hometown:</b> London, England.  <b>Occupation:</b> Mathematician.  <b>Died:</b> 7th June 1954  <b>Best known for:</b> Creating machines that helped crack the Enigma code, and laying the foundations for modern computers and artificial intelligence!</p> 	<p><b>As Geographers...</b></p> <p>Children will learn that rivers and river systems, are dynamic; changing the landscape in visible and at times dramatic ways. While only a fraction of the world's fresh water is visible in lakes and rivers, river systems can have a fundamental impact on peoples' lives.</p> <p><b>We are learning:</b></p> <ul style="list-style-type: none"> <li>• how a river is formed from source to mouth.</li> <li>• how the features of a river and the surrounding landscape changes from source to mouth.</li> <li>• how rivers flood. Using case studies from UK floods in 2007 and 2014 they will also understand the impact flooding can have on people.</li> <li>• use three Ordnance Survey map extracts to investigate the features of the river and surrounding landscape; both rural and urban.</li> <li>• investigate the characteristics of the river and its surrounding landscape. It will also highlight the changing nature of human interaction with the river.</li> <li>• investigate different waterfalls around the world and how they are formed.</li> </ul>	<p><b>As Theologists...</b></p> <p><b>Diwali – belonging and identity</b></p> <p>Would celebrating Diwali at home and in the community bring a feeling of belonging to a Hindu child?</p> <p><b>We are learning:</b></p> <ul style="list-style-type: none"> <li>• Investigating the concepts of belonging, identity and Rama and Sita.</li> <li>• Investigating the celebration of Diwali – how Hindus celebrate and what happens at home/temple.</li> <li>• Investigating the celebration of Diwali – what is made and how it gives a sense of belonging</li> </ul>	<p><b>As Technologists...</b></p> <p>We always begin our computing learning by discussing our <b>SMART</b> rules – focusing on <b>S for Safe</b>. We will also be considering our self-image identity and privacy and security.</p> <p>We will be investigating images and looking at how we can edit them: retouching; the effect that different colours and filters can have on an image; fake images and the impact of these.</p> <p>We will also focus on the changing world of Computing and what this might look like in the future.</p> 
<p><b>As Mathematicians...</b></p> <p>As mathematicians we will be spending the first four weeks of term working on <b>Number and Place Value</b> and to include four-digit numbers, rounding, counting in 25s and 1000s and counting back through zero into negative numbers. We will then spend the final three weeks looking at a variety of <b>2D shapes</b> and <b>lines of symmetry</b>.</p> <p>In our maths meetings we will be recapping several mathematical concepts from Year 3 to help the children remember and move forward in their learning. This will include starting our work on multiplication bonds, which are a key area of learning in Year 4.</p>	<p><b>PHSE</b></p> <p><b>Being me</b></p> <p>Becoming a class team  Being a school citizen  Rights, responsibilities, and democracy  Rewards and consequence</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 make a series of careful observations.</li> <li>• To gather, record, classify and present data in a variety of ways to help in answering questions.</li> </ul> <p><b>Living things and Habitats</b></p> <p>Living things can be grouped (classified) in different ways according to their features and we will be using and creating classification keys to identify and name living things. We will also be looking understanding that living things live in a habitat which provides an environment to which they are suited. These environments may change naturally e.g. through flooding, fire, earthquakes etc. Humans also cause the environment to change. This can be in a good way (i.e. positive human impact, such as setting up nature reserves) or in a bad way (i.e. negative human impact, such as littering).</p>		
		<p><b>As Artist and Design Technologists...</b></p> <p><b>We are:</b></p> <p>Linking our art to our Geography topic this term, we will be creating a river scene using textiles. The children will learn about Jan Kilpatrick a famous textile artist and will create their own weaving loom. Once their piece is complete, they will add applique pieces to their artwork. During the term, the children will work on sewing skills as well as colour swatch matching.</p>	<p><b>As Athletes...</b></p> <p><b>Hockey</b></p> <p>We will be working on how to dribble the ball, experimenting with different ways of passing tackling others and shooting, all through small-sided games.</p> <p><b>Gymnastics</b></p> <p>We will be looking at different jumps, rolls and balances both on the floor and using apparatus.</p>	<p><b>As Musicians...</b></p> <p>We will be enjoying developing our notation skills whilst understanding rhythm and tempo of music.</p> <p>We will be learning about pitch in music and will learn to play the glockenspiel.</p> <p>We will be listening to music and identifying the feelings it gives us.</p>