



<p>Computer science</p> <p>In this unit, learners will explore the technologies that make up the internet and World Wide Web. Starting with an exploration of the building blocks of the World Wide Web, HTML, and CSS, learners will investigate how websites are catalogued and organised for effective retrieval using search engines. By the end of the unit, learners will have a functioning website.</p>	<p>History</p> <p>The learners will complete the module on the Rwandan Genocide, looking at its impact on ordinary people and the aftermath of the event. The learners will then be moving on to look at the history of 6th century China.</p>	<p>Geography</p>	<p>Science</p> <p>To start off the spring term Year 9 will be exploring and recapping their knowledge on topics within biology and physics. Following on from this with exploring ecosystems, the big idea being organisms require a supply of energy and materials for which they are often dependent on or in competition with other organisms.</p>
<p>Citizenship</p> <p>The precious liberties enjoyed by the citizens of the United Kingdom</p>	<p>Animal Care and Horticulture</p> <p>As we progress through the darker and colder days heading towards the warmer and brighter days of the</p>		<p>Art</p> <p>During Spring 1, we will explore Art that is made up of upcycled materials, found objects, and made through environmentally friendly processes.</p>

	<p>coming spring, we will focus further on life cycles and the shifting seasons and how the two are interlinked.</p> <p>In Horticulture we will also be focusing on growing and planting to help with the creation of the school's sensory garden. All classes will be involved in this. We will also be looking at identifying trees during the wintertime from their buds, we will also be looking at plant families and plant parts.</p>	<p>Discover artists who explore social/political issues in their work while creating a collaborative Art piece, Gustave the Giraffe to participate in the GOGO safari project.</p> <p>Consider ecology, social justice, and nonviolence and elevate the voices of local communities.</p>
<p style="text-align: center;">PE</p> <p>Tolkien class will be completing badminton and alternative games. They will develop their understanding of the rules for both singles and doubles badminton. They will begin to employ tactics to outwit their opponents using different shots to support with this. In alternative games, they will learn to play Kin-ball.</p>	<p>In Animal Care we will be continuing to build upon our skills, looking after our range of animals. Increasing our understanding of our animals' needs and their specialisms.</p> <p>We will be looking at how we need to meet our animals' needs during these darker and colder months, especially those of the school's poultry who are restricted to smaller enclosures during the ongoing Avian Influenza outbreak.</p> <p>Both Animal Care and Horticulture will be continuing to integrate more fully the school guidelines of "always be kind" and "always try your best" into all that we do.</p>	<p style="text-align: center;">Maths</p> <p>This half term year 9 will be working on 3D shapes (last term we focused a lot on the algebra and didn't get started on the <u>3D shapes yet!</u>) Then we will look at <u>straight line graphs, finding equations of lines parallel to the axis, comparing the intercepts and gradients of straight lines and looking at the equation $y=mx+c$.</u></p> <p>Foundational Tolkien will be covering types of number at the start of this half term, consolidating their knowledge on identifying and using terms and skills such as LCM and HCF, primes, and indices. This will follow in well to an overview on fractions; simplification, mixed numbers and addition and subtraction.</p>

<p>PSHE</p> <p>Perceptions about intimate relationships, consent, sexual exploitation, peer approval, child-on child abuse, grooming, radicalisation, county lines, risky experimentation, positive and negative self-identity, groups, influences, social media, abuse and coercion, coercive control in groups, fitting in</p>	<p>English</p> <p>Tolkien will be studying Harry Potter and the Cursed Child. They will read this play as a class with each person taking on a different part. They will explore the characters through diary writing and participate in several creative tasks including designing their own sweet for the sweet trolley and potion making.</p>	<p>DT</p> <p>This term, students will be learning about how we use perspective and elevations, as well as using all their previously learned knowledge, to inform their practical designs. Students will be designing and making towers and bridges, whilst applying theoretical knowledge of structural reinforcement. Students will move on to use all their knowledge to design and make a prototype of a kitchen or living room interior design project, using paper, cardboard and lollipop sticks.</p>
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