
















## Our Year 6 Curriculum - Summer 1

<b>Lens and Big Question</b> 	DEMOCRACY: Can one person make a difference?
<b>Maths</b> 	<b>Algebra and Properties of Shape</b> We will be learning about algebra and properties of shape, including forming algebraic expressions, substitution, using formulae and solving equations. We will then go on to learn about properties of 2D & 3D shapes and calculating angles, lines of symmetry, area and perimeter of these shapes.
<b>English</b> 	We will be reading Northern Lights by Philip Pullman in our Destination Reading lessons. In writing, we will be using our DR text to support the pupils with their narrative writing. This will be done by exploring specific features the author has used and recreating similar features in their own writing. This Summer term, pupils will be writing for a range of purposes: to inform (information texts), to express/entertain (narrative inspired from Northern Lights), to entertain (newspaper article), to express (journal writing in character) and to evaluate (book review).
<b>Geography</b> 	<b>UK vs USA</b> The children will explore the human geography of the USA and learn about the process of urbanization and landscape change due to human interaction, how this has impacted the economy and the population.
<b>Science</b> 	<b>Light:</b> How it travels & the human eye (Why do we see 'history' whenever we look at the stars?) The children will learn that: The universe follows unbreakable rules that are all about forces, matter and energy. And that energy, which cannot be created or destroyed, comes in many different forms and tends to move away from objects that have lots of it.
<b>Religious Education</b> 	The Topic title is 'Beliefs and Questions' with a particular focus on these religions Hinduism, Sikhism and Buddhism. The children will learn about how the key beliefs in these religions affect the way in which believers answer a range of ethical questions. Along with this they will reflect on their own beliefs, values and rules.
<b>Wellbeing</b> 	We will be exploring and practising a range of strategies to support pupils' mental wellbeing this half term. The aim is to equip pupils with a range of strategies that they can employ independently or with others, in order to manage any rising worries associated with SATs, school, secondary school, etc. Additionally, pupils will be going on their residential trip to Shropshire! An element of this trip aims to develop pupils' resilience, independence and social skills.  British Value: Rule of Law - this will be explored in our DR lessons and in our geography lessons
<b>Music</b> 	We are continuing with the 'Silent Movie' topic and the children will film and add music to their own short iMovie. They will include musical tools to add drama such as discords, glissando and chromatic scales. They will also incorporate leitmotifs to represent characters.

<p><b>Computing</b> </p>	<p><b>Hacking/code breaking - Bletchley Park</b>          Bletchley Park is considered the home of modern computing. In this unit, children can discover the history of Bletchley and learn about the code breaking and password hacking. They will have the opportunity to demonstrate some of their digital literacy skills by creating presentations about historical figures.  <b>Online Safety</b> - Learning how to manage passwords safely, knowing what to do if someone hacks your account or finds a password and understanding what makes a strong password.</p>
<p><b>French</b> </p>	<p><b>Manger et Bouger</b>          Our topic, 'Manger et Bouger' is about healthy living. This half-term, pupils will be learning the names of foods and drinks that are considered good or bad for your health. They will be writing a series of sentences, and learning how to turn positive statements into negative statements.</p>
<p><b>PE</b>  </p>	<p><b>Cricket/Dodgeball and Swimming</b>          This term all classes will be developing their skills and understanding of cricket, including their bowling, batting skills and teamwork skills.          While 6G and 6W are swimming, 6P and 6V are exploring elements of dance. In swimming, pupils will focus on personal survival, swim endurance and personal bests. Pupils will focus on developing an idea or theme into dance choreography. They will work in pairs and groups using different choreographing tools to create dances e.g. formations, timing, dynamics. Pupils will have opportunities to choreograph, perform and provide feedback on dance. Pupils think about how to use movement to convey ideas, emotions, feelings and characters. Pupils will show an awareness of keeping others safe and will have the opportunity to lead others through short warm ups.</p>
<p><b>D&amp;T</b> </p>	<p><b>D&amp;T 1 - Designing and creating moving mechanical toys with an electrical component.</b> Pupils will be designing and making a mechanical car. They will add in a motor that is wired to a programmed microchip- this will tell the motor when to accelerate and when to stop. Pupils will use a computer programme to code the instructions for their motorised cars.  <b>D&amp;T 2 -</b> children use fabrics, templates designs, pins, decorate and stitch (sew by hand) a waistcoat for a person and a purpose of their choosing (relating to our DR text/Geography).</p>