

## Year 6 curriculum 'in advance' T3

Subject	What we are learning in T3	How parents/carers can help
English	<p>Pupils read and explore the poem 'Flannan Isle' by Wilfred W Gibson and learn about the real story of the missing lighthouse keepers that inspired the poem.</p> <p>Writing outcomes include a descriptive recount from the point of view of one of the lighthouse keepers, a press release, an investigation report and an imagined conversation.</p> <p>Spelling focus: Year 5/6 statutory words, words with the 'ph' sound spelled 'f', words with unstressed vowel sounds, words ending in cial/tial</p> <p>Whole class reading: all KS2 reading domains</p>	<p>Support pupils to complete the homework pages in their CGP Grammar and Punctuation books and 10-minute Reading Test books.</p> <p>Encourage pupils to learn their weekly spelling list.</p> <p>Listen to pupils read whenever possible and record five reads a week in the planner.</p>
Maths	<p>Pupils will be taught:</p> <ul style="list-style-type: none"> <li>Algebra- pupils will be taught to use simple formulae, generate and describe linear number sequences, and express missing number problems algebraically.</li> <li>Measure- area and perimeter- pupils will be taught to recognise that shapes with the same areas can have different perimeters and vice versa, recognise when it is possible to use formulae for area and volume of shapes, calculate the area of parallelograms and triangles.</li> </ul>	<p>Support pupils with their homework pages in the CGP book using the SATS revision book.</p> <p>Ensure the children complete at least 15 minuets of TTRS each week.</p>
Science	<p>Electrical circuits</p> <ul style="list-style-type: none"> <li>Represent electrical circuits with a diagram and investigate what happens when making changes to the circuit</li> <li>Investigate voltage in a circuit</li> <li>Plan and carry out a comparative tests</li> </ul>	<p>Support your child by discussing what they have been learning in their lessons.</p> <p>Use BBC Bitesize as a starting point for conversation to support learning in lessons.</p>
Humanities	Earthquakes: Do earthquakes or buildings kill people?	<p><a href="#">Explore earthquakes - BBC Bitesize</a></p> <p><a href="#">Primary Geography: Earthquakes - BBC Teach</a></p>

	<ul style="list-style-type: none"> <li>• Continents float on magma and move due to convection.</li> <li>• Continental (plates) edges (boundaries) are the main areas earthquakes occur. Other tectonic phenomena occur at these boundaries.</li> <li>• Earthquakes can be measured and have multiple consequences.</li> <li>• The consequences on humans depends specifically on how well the humans are prepared for the earthquakes.</li> </ul>	
Food Technology	<ul style="list-style-type: none"> <li>• Planning and making a dish for their final practical assessment.</li> <li>• Completing their bookwork by reflecting upon their progress and skills learned so far highlighting improvements.</li> <li>• Setting targets for the future.</li> </ul>	Continue to practise cooking skills at home. Assist in preparing for their final assessment cookery practical.
Resistant Materials Technology	<ul style="list-style-type: none"> <li>• Design a decorative wooden puzzle with an emphasis on using coloured pencil crayons to achieve high quality rendering.</li> <li>• Recap and refine skills using the sanding machine and jigsaw.</li> <li>• Make the puzzle base using hand tools, machines and three woods.</li> <li>• To learn more about woods including natural woods and manufactured boards.</li> </ul>	Learn to identify woods by learning the names of trees when you are outdoors. Look at furniture in more detail and ask if your child can identify the difference between natural solid wood and furniture that is made using manufactured parts.
Art	<ul style="list-style-type: none"> <li>● To learn how to draw their self-portrait step-by-step using graphite pencil looking at proportion, details, shadow and tone.</li> <li>● Draw their own face and apply the principles learned.</li> <li>● To gain knowledge and understanding of famous artists who have created famous self-portraits with a view to replicating a chosen artwork.</li> </ul>	Practise drawing family members at home or themselves using a mirror.

IT	<p>Pupils will be learning about what is inside a computer systems, and be able to identify the different hardware components and software. They will be able to identify clearly the differences between an input and an output device, and why different devices are used depending on their portability.</p>	<p>Look around the home and be able to identify the different digital devices that are used within their own home eg. Dishwasher, smart doorbells and mobile phones.</p>
Music	<p>Hip-Hop</p> <ul style="list-style-type: none"> <li>• To learn how to interact with a DAW program</li> <li>• To learn the history and context of Hip Hop as a genre</li> <li>• To learn to compose within the style of Hip Hop using stylistic conventions</li> </ul>	<p>Pupils will have their own log in details to access their work from home through the website YuStudio. Encourage them to explore the website.</p>
PE	<p>Pupils will be learning about Hockey, Basketball, Gymnastics and Outdoor Adventurous Activities:</p> <ul style="list-style-type: none"> <li>• What are the basic movements and skills?</li> <li>• What are the basic court/pitch markings?</li> <li>• What are the basic rules to the game?</li> <li>• Revisit what the basic shapes, jumps and rotations are in gymnastics?</li> <li>• Develop an understanding of tension and counter-tension in gymnastics through our balance module (solo, pair and group balances).</li> <li>• What are orienteering skills and how to read a map.</li> </ul>	<p>Provide appropriate PE kit, for example: non slippy footwear for Basketball (trainers). Pupils are allowed to wear grippy socks for gymnastics. Shin pads for Hockey, this is optional. Reinforce safe practice expectations – no jewellery and earrings must be taped up for PE lessons. Long hair must be tied up. Look up the rules to Hockey - <a href="#">Rules of Hockey   Official Documents</a> Look up the rules to Basketball - <a href="#">Basketball Simplified Rules - Download PDF   The PE Hub</a></p>
PSHE	<ul style="list-style-type: none"> <li>• Physical and emotional changes in puberty – To understand the changes that happen during puberty</li> <li>• Conception – To understand the biology of conception <i>(parent/carers have the right to withdraw their child from this lesson. Information and an opportunity to ask questions surrounding what will be taught will be offered.</i></li> </ul>	<p>Optional parent information evening - <b>Thursday, 8th January, from 5:00–5:30 pm</b>. During this session, we will share the videos your child will see, outline the content taught, and explain how it will be delivered.</p>

	<ul style="list-style-type: none"><li>• Pregnancy and birth – To understand the development of the baby during pregnancy ( <i>parent/carers have the right to withdraw their child from this lesson. Information and an opportunity to ask questions surrounding what will be taught will be offered</i></li></ul>	
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