

Year 7 KS3 Curriculum 'in advance' T4

| Subject | What we are learning in T4 | How parents/carers can help |
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| English | Poetry: pupils look at a range of poems connected to the theme of 'people and places. They learn a range of poetic techniques, use SLIME as a way of analyzing a poem (structure, language, imagery, meaning, effect) and understand that a poet's language choices are often influenced by their sense of belonging. | Support pupils with weekly homework tasks. Listen to pupils read whenever possible and encourage them to fill in five reads a week in their planner. |
| Maths | Understanding how to use the 4 operations with directed (negative) numbers. Calculating fractions and percentages of amounts; including calculating percentage increase/decrease with and without a calculator. Calculating area and perimeter of rectangles, triangles, trapeze and compound shapes. | Support pupils by helping them engage with Sparx online homework. Topics are set in-line with current lessons. Scheme of work and supporting lessons are available on TEAMS. |
| Science | <p>Separating mixtures</p> <ul style="list-style-type: none"> • Describe substances as elements, compounds and mixtures • Explain the process of dissolving and factors affecting solubility • Use a variety of methods to separate substances including chromatography and distillation <p>Human reproduction</p> <ul style="list-style-type: none"> • Describe the organs of the reproductive systems • Describe how reproduction occurs and the development of the foetus • Explain the role of menstrual cycle in reproduction | Support your child by discussing what they have been learning in their lessons. Use BBC Bitesize as a starting point for conversation to support learning in lessons. Support your child to complete their weekly homework on the Carousel Learning platform accessed via Teams. |
| History | <p>Middle Ages: How did the power of kings change after the Norman Conquest?</p> <ul style="list-style-type: none"> • To understand the role of the Church in Medieval England. • To explore the conflict between Thomas Becket and Henry II. | <p>Medieval society, life and religion - KS3 History - BBC Bitesize Who was Thomas Becket and why did he clash with the king? - Thomas Becket - KS3</p> |

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| | <ul style="list-style-type: none"> • To examine the significance of the Magna Carta. • To consider interpretation of King John • To investigate the causes of the Black Death. • To assess the impacts of the Black Death on Medieval society. • To understand the causes and events of the Peasants' Revolt. | <p>History - homework help for year 7, 8 and 9. - BBC Bitesize King John and the Magna Carta - The Magna Carta - KS3 History - homework help for year 7, 8 and 9. - BBC Bitesize Causes and effects of the Black Death - Medieval medicine - KS3 History - homework help for year 7, 8 and 9. - BBC Bitesize The Peasants' Revolt - The Peasants' Revolt - KS3 History - homework help for year 7, 8 and 9. - BBC Bitesize</p> |
| Geography | <p><u>The Middle East:</u> <u>What is the Middle East and is its oil industry sustainable given climate change?</u> Physical and Human features 3 main biomes and climate zones, interpreting climate graphs, development – resources and how oil is and will increasingly link us to the Middle East Sustainability issues, links to climate change. Case Study: Dubai ‘Is Dubai sustainable?’ analysis of social, economic and environmental sustainability</p> | <p>https://www.geogon.org/ks3-middle-east</p> |
| Theology | <p><u>Humanism:</u> <u>Why do Humanists say that happiness is the goal in life?</u> To consider what Humanism is and what we mean by a secular philosophy. To consider what Humanists believe on issues such as God, the meaning of life and values. To consider what historical Humanists thinkers say about God.</p> | <p>https://www.bbc.co.uk/bitesize/articles/zmqgpkmn https://www.bbc.co.uk/bitesize/articles/zfs2kmn</p> |

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| | <p>To consider the Humanist perspectives on moral and ethical issues.</p> <p>To examine how and why Humanists mark rites of passage including birth, initiation, marriage and death.</p> | |
| Food Technology | <p>Pupils will develop their knowledge and understanding of healthy eating on a budget. They will further development their confidence and competence using kitchen tools and equipment. They will practise a wider range of skills when making a variety of healthy savoury recipes.</p> | <p>Encourage your child to cook at home and practise the techniques learned in lessons including washing and drying up.</p> <p>Support their practical work by getting them bring in the ingredients that they will need to cook and develop their dishes.</p> |
| Resistant Materials Technology | <p>Pupils will be designing and making a decorative storage holder using resistant materials. They will be extending their skills and knowledge with hand tools and machines including the sander, jigsaw and pillar drill. They will continue to build upon their knowledge of the safe use of the machinery and workshops. They will be introduced to isometric drawing.</p> | <p>Collect and print images from online searches to help your child develop their design ideas.</p> <p>Analyse existing storage products that are already on the market. Be prepared to add these images alongside written annotations on the research homework set at the start of the course.</p> |
| Art | <p>Pupils will be creating and making an Art Nouveau inspired Adigraf reductive printing tile. They will be drawing on previous knowledge of the movement and artists as inspiration.</p> | <p>Encourage your child to research and find out more about artists William Morris, Gustav Klimt and Louis Comfort Tiffany.</p> <p>Practise drawing in the style of the artist.</p> |
| IT | <p>Pupils will be learning how logic gates are used within computing. They will learn how AND OR & NOT are used, they will apply these to real life examples. They will then be introduced to different sorting algorithms e.g. Merge sort and bubble sort.</p> | <p>Look at the following video only and discuss the content with our child. The videos are very user friendly!!</p> <p>Bubble sort</p> <p>Merge sort</p> |
| Music | <p>Pupils will be working on film music, creating musical backdrops using IT software as well as original musical instruments to create sound effects and layer sounds for an intended effect.</p> | <p>Pupils can access Yu Studio from home – ask them to show you what they have composed.</p> |

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| PE | <p>Pupils will be learning about Volleyball, Basketball and Gymnastics:</p> <ul style="list-style-type: none"> • What are the movements and skills? • What are the court/pitch markings? • What are the rules to the game? • Year 7 invasion games focus more on strategies and outwitting opponents and will start to develop tactical understanding in sport. • What is flight in gymnastics? • How to apply previous learning of basic shapes, jumps and rotations as well as balance into a gymnastics performance/sequence? | <p>Provide appropriate PE kit, for example: non slippery footwear for Basketball (trainers). Pupils are allowed to wear grippy socks for gymnastics.</p> <p>Reinforce safe practice expectations – no jewellery and earrings must be taped up for PE lessons.</p> <p>Long hair must be tied up.</p> <p>Look up the rules to Volleyball - Volleyball scoring, rules and officials - Volleyball - factfile - GCSE Physical Education Revision - AQA - BBC Bitesize</p> <p>Look up the rules to Basketball - Basketball Simplified Rules - Download PDF The PE Hub</p> |
| PSHE | <p>This term pupils will be focusing on Careers. They will think about Identifying key values for potential candidates for certain jobs, making a difference in the workplace, learning personal values and interests and how this influences job and career choices and looking at work patterns and places. They will finish this unit using the internet to explore job opportunities and what they need prior to leaving school to be successful in a particular career.</p> | <p>It would be great if you could begin to talk with your child about their hopes and dreams – what their strengths are and areas for development when thinking about skills and knowledge. Perhaps look online with them at some opportunities so they will be ready to discuss some thoughts in class.</p> |