



8C Curriculum Overview
Autumn Term 2020

Subject	Area(s) of Study	Suggestions for Parental Support/Involvement at Home	Key words
English Mrs Onipko	<ul style="list-style-type: none"> • Students will be reading and exploring a range of ancient Greek myths • Students will be expected to express their personal viewpoints in both written and spoken tasks • Students will be looking at how using different vocabulary and different punctuation can create different effects and using this to set targets for their own writing • Students will be producing a wide range of written responses including poetry, creative writing and nonfiction texts such as speeches beginning to write within a set timeframe • Students will also be responding through role-play and practical tasks such as debating • explore imagery and how different language choices make the reader feel • Throughout the term students will be working on vocabulary tasks and being encouraged to develop the technical accuracy of their written responses 	<ul style="list-style-type: none"> • Talk to your daughter about her targets and what she has done each week to move towards them • Encourage your daughter to talk about ancient Greek context (culture, religion, lifestyle) and to explain the myths to you • Encourage your daughter to read on a daily basis and talk to her about the characters, plot and setting • Encourage your daughter to express her personal viewpoint on a wide range of topics • Talk to your daughter about how informal and formal language works 	<p>Key Words Core: ancient context formal language informal language, personification, contractions, slang, standard English, rhetorical questions, fiction, non-fiction, short story, anecdotes, mood and tone, structure, character, setting,</p> <p>Extension: irony, imagery, simile, metaphor, sensory description, translation</p>



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<p>Maths Mrs Chippington</p>	<ul style="list-style-type: none"> • Whole numbers and decimals • Expressions and formulae • Fractions, decimals and percentages • Probability • Functional Maths project 	<ul style="list-style-type: none"> • Use MyMaths and MangaHigh at home • Encourage your daughter to use the calculator on her phone • Play online Maths games – e.g. Transum Mathematics (http://www.transum.org) • Try puzzle books/sudoku • Play games that involve mental maths – Monopoly, Scrabble, etc. • Practice using measures when preparing food and cooking – e.g. reading scales, measuring out quantities • Ask questions around preparing food and cooking – e.g. if we double that recipe how much will we need of that ingredient? • Look for use of statistics on news programmes, or in newspapers or magazines. Sports results can be a good place to look for statistics and graphs. Look at the scales used on graphs and how they are titled and labelled. What do the statistics tell you? • Discuss food pricing when in the supermarket, look for good deals, etc. 	<table> <tr> <td>digit</td> <td>index laws</td> </tr> <tr> <td>place value</td> <td>powers</td> </tr> <tr> <td>decimal point</td> <td>rearranging</td> </tr> <tr> <td>integer</td> <td>numerator</td> </tr> <tr> <td>negative</td> <td>denominator</td> </tr> <tr> <td>number</td> <td>mixed number</td> </tr> <tr> <td>brackets</td> <td>improper frac</td> </tr> <tr> <td>prime number</td> <td>even chance</td> </tr> <tr> <td>factor</td> <td>likely</td> </tr> <tr> <td>square roots</td> <td>outcome</td> </tr> <tr> <td>cube roots</td> <td>event</td> </tr> <tr> <td>indices</td> <td>trial</td> </tr> <tr> <td>formulae</td> <td></td> </tr> <tr> <td>simplify</td> <td></td> </tr> <tr> <td>like terms</td> <td></td> </tr> <tr> <td>substitute</td> <td></td> </tr> </table>	digit	index laws	place value	powers	decimal point	rearranging	integer	numerator	negative	denominator	number	mixed number	brackets	improper frac	prime number	even chance	factor	likely	square roots	outcome	cube roots	event	indices	trial	formulae		simplify		like terms		substitute	
digit	index laws																																		
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number	mixed number																																		
brackets	improper frac																																		
prime number	even chance																																		
factor	likely																																		
square roots	outcome																																		
cube roots	event																																		
indices	trial																																		
formulae																																			
simplify																																			
like terms																																			
substitute																																			



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<p>Science Mrs Whitney</p>	<ul style="list-style-type: none"> • Sound • Food and nutrition • Combustion • Energy transfers 	<ul style="list-style-type: none"> • Visit museums that encourage hands on participation, such as the Science Museum or Natural History Museum • Take a walk in your local area and collect as many different plants as you can or try and spot different wild animals. • Discuss information on the news about energy resources and climate change • Take your daughter food shopping and let her help to buy the ingredients for a meal. Discuss healthier options and why she made the choices she did. 	<table border="0"> <tr> <td>wave</td> <td>combustion</td> </tr> <tr> <td>vibration</td> <td>burning</td> </tr> <tr> <td>amplitude</td> <td>oxygen</td> </tr> <tr> <td>frequency</td> <td>exothermic</td> </tr> <tr> <td>decibel</td> <td>oxidation</td> </tr> <tr> <td>hertz</td> <td>conduction</td> </tr> <tr> <td>ultrasound</td> <td>convection</td> </tr> <tr> <td>diet</td> <td>radiation</td> </tr> <tr> <td>protein</td> <td>insulation</td> </tr> <tr> <td>carbohydrate</td> <td>power</td> </tr> <tr> <td>balance</td> <td>efficiency</td> </tr> <tr> <td>malnutrition</td> <td></td> </tr> </table>	wave	combustion	vibration	burning	amplitude	oxygen	frequency	exothermic	decibel	oxidation	hertz	conduction	ultrasound	convection	diet	radiation	protein	insulation	carbohydrate	power	balance	efficiency	malnutrition	
wave	combustion																										
vibration	burning																										
amplitude	oxygen																										
frequency	exothermic																										
decibel	oxidation																										
hertz	conduction																										
ultrasound	convection																										
diet	radiation																										
protein	insulation																										
carbohydrate	power																										
balance	efficiency																										
malnutrition																											
<p>ICT Mrs Daniels</p>	<ul style="list-style-type: none"> • Creating new folders and managing files and folders. • Risks of online communication, digital resilience, privacy settings, digital footprint and Cyber-vetting. • Components of a computer, taking a computer apart and putting it back together. • Entering and editing data. • Programming using Scratch, understanding the interface, blocks, sequence, repetition and selection. • Introduction to binary – converting binary to denary and denary to binary. • Creating a web page on a subject of the student's choice. 	<ul style="list-style-type: none"> • Encourage your daughter to look at the Think U Know website to find out more about online safety - http://www.thinkuknow.co.uk/ • Encourage your daughter to send homework, completed on the computer, to the teacher using e-mail. You can access the school e-mail system from home by Googling – Office 365 and clicking on 'Sign in to your account' - https://login.microsoftonline.com/. Full instructions are also on page 7 of your daughter's diary. ☑ Encourage your daughter to use a memory stick for saving homework on to. Set up subject specific folders on the stick. ☑ Encourage your daughter to complete homework on the computer using Word, PowerPoint and Publisher. 	<p>personal private information password acceptable unacceptable cyberbullying sexting trolls stalking social presence report concerns components RAM ROM scratch sequence</p>																								



	<ul style="list-style-type: none"> Data – setting up a database. 		<ul style="list-style-type: none"> database formatting grooming
Art Miss Grant	<p>Exploratory sculpture Lessons will focus on how to record ideas and make links with artists' work. Students will continue to build on their drawing technique and will develop methodical independent working skills. Students will have opportunities to present their work and explain their ideas.</p> <ul style="list-style-type: none"> To develop shading skills to show form. To develop pen and wash skills. To be able to record ideas through sketching and thought showers. To develop descriptive language To analyse the work of Peter Randall Page and Andy Goldsworthy. To develop presentation skills within a sketchbook To be able to explore sculptural forms using plasticine To be able to record a process of experimentation using photographs. <p>Printmaking</p> <ul style="list-style-type: none"> To develop printing skills using polystyrene sheets. 	<ul style="list-style-type: none"> Encouraging drawing or colouring for pleasure. Keeping a doodle book/scrap book of ideas and inspirations from nature. Copying drawings from artists is very good for developing observational skills regardless of the subject matter. Encouraging good drawing practice: <ul style="list-style-type: none"> Using a sharp pencil Including as much detail as possible Using shading Using contrast Looking at books on nature and the natural world Taking the time to observe nature in the garden or out on a walk. There are excellent how to draw videos on YouTube with lots of step-by-step guides. Encourage your daughter to explore these. 	<ul style="list-style-type: none"> tonal range form detail description thought shower links abstract simplify stylise sculpture surface meaning intention artist research annotation presentation order organised methodical <ul style="list-style-type: none"> exploration experiment recording explaining resilience analysis evaluation printmaking mark-making directional marks layers registration



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	<ul style="list-style-type: none"> To be able to use mark making to create a sense of space. 		
Humanities Mrs Daniels	<ul style="list-style-type: none"> Christian ways of Living Investigating different types of love using song lyrics, questioning and poetry. Investigating Christian inspirations in the Bible. Paired talk tasks. Playing matching card games to investigate world poverty. Make a graffiti wall. 	<ul style="list-style-type: none"> Encourage your child to identify people in the media who demonstrate a Christian way of living in the manner in which they conduct themselves. Discuss how our attitudes and behaviours affect other people. Consider the importance and relevance of the different charities that you see advertised in print, on line and on the television. 	Christian Bible Beatitudes love inspirations poverty
Catering Mrs Read	<ul style="list-style-type: none"> Health and Safety Hazards The 8 Healthy Eating Guidelines Starchy Foods – rice, pasta, bread, potatoes Fats Sugars Fibre Vitamins and Minerals Choosing Recipes Quick snack treats Party treats <p>Dishes likely to include:</p> <ul style="list-style-type: none"> Granola Bars Blueberry muffins Pineapple muffins 	<ul style="list-style-type: none"> Encourage students to cook at home – try to photograph any practical cooking and bring it to school to show me or email it to me at mrs.read@limpsfield-grange.surrey.sch.uk Students to please practice cooking a range of different dishes and use different skills. Recipes will be sent home after each Catering lesson for students to practice. Explore and use new and different ingredients, learn to substitute ingredients. Encourage students to try new foods and tastes. Look at recipes in magazines and watch cooking shows on TV. 	hazards starchy foods guidelines saturated and unsaturated fats digestion obesity nutrients protein carbohydrates vitamins minerals fats fibre



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	<ul style="list-style-type: none"> • Breakfast Cereal Cookies • Marbled Chocolate Cupcakes • Rocky Road Crunch bars • Victoria Sponge 		
PE Miss Richardson	<ul style="list-style-type: none"> • General Fitness • Aerobics • Work on Core stability • Understanding importance of healthy lifestyle • Work on ability to be physical active for sustained periods of time • Developing an understanding of which movements work different muscle groups. • Planning an effective warmup and cooldown 	<ul style="list-style-type: none"> • On the evening of PE day (Thursday), encourage your daughter to do some different stretches to ease potential muscle soreness. • Encourage your daughter to be active over the weekend/ evenings. There are some great resources on YouTube including Joe Wicks' PE. • Encourage a healthy lifestyle for your daughter • Encourage your daughter to watch sporting events live/ on TV/ on Youtube. Particularly of women in sport. 	Exercise Core Muscle Stretch Intensity Pulse raiser Cooldown
SOLD Mrs Eves	<p>Surrey Outdoor Learning and Development is part of the week where students work on areas linked to our WACI curriculum. It usually takes place at High Ashurst. Students work particularly on the Wellbeing, Communication and Independence strands. The students undertake activities which promote working as a team, problem solving, communicating with each other as well as building resilience and adaptability. Along with this each student will be encouraged to challenge herself personally. Students will learn the importance of planning, communication and compromise while working in a team and developing leadership skills throughout this programme. This term we will look at team working skills, archery, woodcraft skills and orienteering. Parents may support us by ensuring students have the right clothing, water and extra equipment necessary including a waterproof coat and a plastic bag for wet shoes in winter weather and a hat and sunscreen hot weather. The weekly plan will be adapted as needed in response to any COVID-19 recommendations.</p>		