



LIMPSFIELD GRANGE SCHOOL

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10M Curriculum Overview Autumn Term 2021

Subject	Area(s) of Study	Suggestions for Parental Support/Involvement at Home	Key words
<p>English Language & English Literature Mrs Forbes</p> <p>AQA English Literature (8702)</p> <p>AQA English Language (8700)</p> <p>And/or</p> <p>Pearson Edexcel Functional English EL1 EL2, EL3, Level 1 and Level 2.</p>	<ul style="list-style-type: none"> • We will be reading and watching 'An Inspector Calls' by J B Priestley and A Christmas Carol by Charles Dickens • We will be looking at the social and historical context of both texts, character, setting and narrative • We will explore how texts present a writer's viewpoint • We will be looking at how both writers use language and spend time developing personal and convincing responses to the texts • We will also develop the ability to use evidence from the texts to support a personal point of view • Tasks will include using visual images to support learning and if appropriate students will also be introduced some examination practice using the texts • Both texts will also be used as the basis for creative writing in order to prepare for the English language examination as well 	<ul style="list-style-type: none"> • Talk to your daughter about her targets and what she is doing in order to make progress, ask her what she has learned in lessons • Ask her summarise what she has learned • Discuss word choices and how they often make a picture in your head and how different words make the reader feel • Talk to your daughter about her personal response to her current reading book • Try to make sure that your daughter reads every day as this is a really useful way to build creative writing ideas and skills • Encourage your daughter to make detailed references to what she is reading in order to back up her ideas or when she is expressing a point of view • Please feel free to email regarding homework or with any other learning ideas you think may benefit your daughter or if you have any concerns regarding her work in English 	<p>Key Words:</p> <p>theme explore explain personal opinion character plot language structure setting clues example social and historical context Victorian Edwardian authority social class status poetry prose letter diary opinion</p>



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	as encouraging students to write longer personal responses to literature		<p>text play novel gender older and younger generation poverty viewpoint</p> <p>Key Words Extension: socialism analysis interpretation dramatic irony symbolism moral</p>
<p>Maths Mr McMillan</p> <p>Edexcel Functional Maths, E1, E2, E1, Level 1</p> <p>Or</p> <p>OCR J560 GCSE Foundation Tier</p>	<ul style="list-style-type: none"> • Calculations • Expressions • Angles and polygons • Handling data 	<ul style="list-style-type: none"> • Wherever possible, involve your daughter in doing practical maths to develop her awareness of functional numeracy. • Do a little bit of maths every day, even if only for 10 minutes. The more your daughter practices, the better she will become. • Make sure your daughter can tell the time by reading both analogue and digital clocks. • Identify and draw attention to situations where you are using maths in everyday life; tasks at home which require numbers or numerical knowledge or calculations. Point out what these 	<p>decimal system digit place value negative numbers estimate rounding decimals places (d.p.) significant figures (s.f.) first significant figure partitioning compensation BODMAS</p>



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		<p>are, and what could go wrong if we don't use our maths skills (e.g. miss the train, burn/undercook the dinner!)</p> <ul style="list-style-type: none"> • Encourage your daughter to help you with cooking and baking. Get her involved in reading the instructions, following recipes, weighing and measuring out ingredients. This will help her to become familiar with quantities, fractions, temperatures and cooking units. • Get your daughter involved in your household food shopping. Encourage her to read food labels, compare brands and prices, and find the best deals. This will help her to understand the value of money and learn to understand numbers and prices. • Pose problems around travel situations. Examples could be 'how many minutes do we have until we have to leave', how long will it take to get to a destination based on your speed. • Play maths games at home – e.g. dominoes, chess, cards and memory games. • Look for use of percentages and statistics in the news. Ask your daughter to explain a statistic used by a politician / spokesperson / journalist to see if they can understand what is being stated, or whether they agree/disagree with what has been presented. What research could 	<p>expression equation formula term variable substituting unknown index/base/power index laws coefficient brackets expand factorise simplify highest common factor</p> <p>acute right obtuse reflex alternate corresponding bearings polygon triangle quadrilateral congruent similar</p>
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		your daughter do to validate the information she has heard?	scale factor interior exterior population sample survey data collection sheet tally chart frequency table frequency pictogram bar-chart pie chart mean mode median range outlier
Science Mrs Whitney Edexcel GCSE Biology 1BIO Miss Herron OCR Entry Level Certificate in Science (R483)	GCSE: <ul style="list-style-type: none"> Genetics Natural Selection & Genetic modification Entry Level: <ul style="list-style-type: none"> Cells: dead or alive? Babies: human reproduction Control systems of the human body Physical and chemical changes/particle theory 	<ul style="list-style-type: none"> Read popular science books and magazines with your daughter Discuss scientific issues that appear in the news, encourage her to think about issues that may affect her, such as climate change Get your daughter to think about issues where there is no right or wrong answer, such as genetic modification and help her to explore all sides of an argument before forming her own opinion 	gene allele meiosis DNA evolution natural selection evidence nucleus cytoplasm sperm egg fertilisation placenta kidney urea blood sugar pancreas solid liquid



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	<ul style="list-style-type: none"> • Acids and alkalis in everyday items • Using waves to communicate • Medical rays 	<ul style="list-style-type: none"> • Visit museums and exhibitions • Take a walk in your area and observe the diversity of plant and animal life • Help your daughter to revise by providing a space for her to work, away from distractions 	cell membrane tissue organ life process stem cell diffuse circulatory respiratory digestive organism womb oviduct ovary testis penis sperm duct vagina uterus	gas state of matter particles condense evaporate reversible irreversible chemical change physical change PH antacid neutralisation wireless optical signal digital analogue gamma radiation X-ray
ICT Mrs Janaway Pearson Edexcel Functional Skills qualification in Information and Communication	<ul style="list-style-type: none"> • Understand how to recognise and avoid online scams, recognise a secure website and how to back up data. • Understand the importance of maintaining online privacy • Use digital devices safely and understand <ul style="list-style-type: none"> ○ how to avoid health problems 	Useful Websites <ul style="list-style-type: none"> • Online Safety for Children - Tips & Guides NSPCC • UK Safer Internet Centre - Online Safety Tips, Advice and Resources Safer Internet Centre • Staying safe online Childline • Thinkuknow - home 	location online reputation digital footprint privacy settings file sharing spyware virus	cell cell reference formula autosum autofill currency format



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<p>Technology (ICT) at Entry 1, Entry 2 and Entry 3</p> <p>Pearson Edexcel Functional Skills qualification in Information and Communication Technology (ICT) at Level 1 and Level 2</p>	<ul style="list-style-type: none"> ○ the physical risks of using mobile phones ○ how to solve technical problems ● PowerPoint skills, such as animations and effects, automatic transitions and time options ● Excel skills, such as formatting a spreadsheet, using basic formula, using functions and creating charts. ● Word skills, such as inserting a table or paragraph border and using picture tools. ● How to access files on a USB memory stick and how to manage files and folders. 	<ul style="list-style-type: none"> ● Net Aware: Your guide to social networks, apps and games (net-aware.org.uk) ● CEOP - https://www.ceop.police.uk/safety-centre/ ● Get Safe Online Free, online security advice ● Check the privacy settings on your daughter's social networking accounts. Ensure all location services are turned off. Delete any accounts that are no longer used. ● Discuss online safety stories in the news. ● Take an interest in the apps, websites, on-demand TV sites and social networking sites your daughter uses. ● Encourage your daughter to complete homework on a computer and email it to the subject teacher. Also encourage your daughter to email the subject teacher to ask for help. Try not to do it for them! 	<p>fake news influencers phishing bias cookies RSI posture trip hazard reboot</p> <p>animation pane trigger slide show artistic effects alignment find/replace orientation margins tabs distribute columns/rows merge</p>
<p>Art Miss Grant</p> <p>AQA Fine Art 8202</p>	<p>Students will develop a personal project from the starting point 'Inspired by Nature'. They will select a range of source images and explore these using appropriate materials. Students will record their ideas through drawing and annotation, and develop individual work from the starting point.</p> <ul style="list-style-type: none"> ● Understanding the structure of the GCSE course ● Drawing for different purposes 	<ul style="list-style-type: none"> ● Discussing ideas for the project and finding relevant inspirational images. ● Observational drawing and copying images will build skills regardless of the subject matter (If the subject matter is relevant that is excellent but any drawing practice is beneficial). ● Promote good drawing practice by: <ul style="list-style-type: none"> ○ Using a sharp pencil ○ Including as much detail as possible ○ Using shading 	<p>assessment objectives recording observing tonal range blending directional mark-making form detail shadow mixed-media</p>



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	<ul style="list-style-type: none"> • Observational and investigative drawing • Recording insights through relevant annotation • Exploring materials and creating experimental work • Researching appropriate images. • Selecting appropriate artists and researching their work and ideas (John James Audubon, Andy Goldsworthy, Beatriz Milhazes, Georgia O’Keeffe, Karl Blossfeldt, Joanna Wedrychowska, Kate Malone, Sue Blackwell) • Using photography to observe and record. • Organising work in a suitable format (sketchbook or mounted sheets) • Developing visual literacy 	<ul style="list-style-type: none"> ○ Using contrast • Take time to look chat about ideas and images. • Own photos that are relevant to the selected project will contribute to the coursework so provide opportunities for this at home if possible. Photos can be put on a Word document and emailed to miss.grant@limpsfield-grange.co.uk. 	<p>purposeful exploration annotation insights refining decisions perseverance problem-solving composition relevant response subject matter context mood</p>
<p>PE Miss Richardson</p>	<p>1st Half Term</p> <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. This includes going on walks/ cycle rides and getting outdoors. There are also 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. 	<p>exercise core muscle stretch intensity Pulse raiser cooldown chest pass bounce pass shoulder pass pivot third</p>



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	<ul style="list-style-type: none"> • Leading an effective warmup and cooldown <p>2nd Half Term:</p> <ul style="list-style-type: none"> • Ball skills/ Invasion Games (Netball) Including passing, catching, traveling with the ball, shooting and mini team games • Understanding the rules of netball and how to start a play a game • Beginning to understand rules and perform the role of umpire in a game environment. 	<ul style="list-style-type: none"> • Try to get outside once a day, either to walk, or exercise. 	semi-circle netball mark/marking goal defend attack Umpire footwork third shooting circle
<p>Bore Place</p>	<p>Bore Place is a 500 acre multifunctional estate which will provide an opportunity for students to learn outside the classroom. Students will participate in activities that will support them to develop skills linked to our WACI curriculum. The Bore Place ethos is built on offering young people different experiences that might ignite an interest for future work experience or employment. A key part of their work is to expose young people to as many different opportunities to allow them the time and space to be able to make choices about what they might want for their future. Students will have experiences in the following areas: Housekeeping, events and hospitality, Vegetable production, Horticulture, Dairy farming, Cookery, Environmental art and crafts, Land management and conservation. The focus is on developing individual skills and qualities and interpersonal skills such as teamwork, co-operation, independence, resilience and problem solving. https://www.boreplace.org/.</p>		