



LIMPSFIELD GRANGE SCHOOL

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10W Curriculum Overview Autumn Term 2020

Subject	Area(s) of Study	Suggestions for Parental Support/Involvement at Home	Key words
<p>English Mrs Onipko</p> <p>AQA ENGLISH LANGUAGE PAPER 1 (8700)</p> <p>AQA ENGLISH LITERATURE PRE 1914 PROSE</p>	<ul style="list-style-type: none"> • We will be reading A Christmas Carol by Charles Dickens, reading creative and non-fiction text extracts and completing writing tasks • We will be working on technical skills • We will be looking at the social and historical context of texts, character, setting and narrative • We will explore how texts present a writer's viewpoint • We will be looking at how writers use language and use these techniques in our own writing • 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 • The text will also be used as the basis for creative writing in order to prepare for the English language examination as well as 	<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 • We will have some focus on the idea of the natural world so pointing out the changes from autumn to winter would be beneficial • Read some stories with your daughter and discuss the setting, characters and how the plot unfolds • 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 	<p>Key Words: Natural world, noun, adjective, sentence, structure, theme, explore, explain, describe, personal opinion, character, plot, language, structure, setting, clues, example, social and historical context, Victorian, viewpoint.</p> <p>Key Words Extension: analysis, interpretation</p>



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	<p>encouraging students to write longer personal responses to literature</p> <ul style="list-style-type: none"> This term we will also be matching WACI targets to lesson content 	<p>benefit your daughter or if you have any concerns regarding her work in English</p>	
<p>Maths Mr McMillan</p> <p>Edexcel Functional Maths, E1, E2, E1, Level 1</p> <p>Or</p> <p>Edexcel GCSE Foundation Tier</p>	<ul style="list-style-type: none"> Calculations Expressions Angles and polygons 	<ul style="list-style-type: none"> Wherever possible, involve your daughter in doing practical maths to develop her awareness of functional numeracy 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 are, and what could go wrong if we don't use our maths skills (e.g. miss the train, burn/undercook the dinner!) 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. Play maths games at home to improve maths skills and knowledge. These can include 	<p>Decimal system, digit, place value, negative numbers, estimate, rounding, decimals places (d.p.), significant figures (s.f.), first significant figure, partitioning, compensation, BIDMAS</p> <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, scale factor, interior, exterior</p>



	<ul style="list-style-type: none"> • Handling data • Formulae and functions 	<p>dominoes, chess, cards and memory games. Also use maths learning apps An example is 'Sumaze'.</p> <ul style="list-style-type: none"> • Read books that incorporate maths or logic. • Encourage your daughter to do some maths every day. Do a little bit of maths every day, even if it's only for 10 minutes. The more your daughter practices, the better she will become. This can be problem-solving around travel and shopping situations. Examples could be how long will it take to travel to your destination based on your speed, for how long would you need to save to buy a particular item? • 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 your daughter do to validate the information she has heard? 	<p>Population, sample, survey, data collection sheet, tally chart, frequency table, frequency, pictogram, bar-chart, pie chart, mean, mode, median, range, outlier</p> <p>Variable, like terms, function machine, input, output, operation, inverse, subject, rearrange, expand, factorise</p>
<p>Biology Mrs Whitney Edexcel GCSE</p>	<ul style="list-style-type: none"> • Genetics <ul style="list-style-type: none"> ○ Meiosis ○ DNA structure ○ Protein synthesis ○ Inheritance and variation • Natural selection and Genetic modification <ul style="list-style-type: none"> ○ Evolution 	<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 	<p>chromosome chromatid gamete helix base pair transcription translation</p>



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	<ul style="list-style-type: none"> ○ Darwin ○ Classification ○ Selective Breeding and Genetic modification 	<p>genetic modification and help her to explore all sides of an argument before forming her own opinion</p> <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 	<p>gene allele variation evolution binomial name kingdom domain gene modification</p>
<p>Art Miss Grant AQA Fine Art 8202</p>	<p>Students will develop a personal project from the starting point 'Food'. 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 ● Mind-mapping and thinking skills ● Understanding the context of different Art works ● Drawing for different purposes ● Observational drawing ● Recording insights through annotation ● Researching appropriate images. ● Responding to the work of artists and designers (Wayne Thiebaud, Andy Warhol, 	<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 ○ 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>assessment objectives recording observing tonal range blending directional mark-making form detail shadow mixed-media purposeful exploration annotation insights refining decisions perseverance problem-solving composition relevant</p>



	<p>Margaret Morrison, Audrey Flack, Uli Westphal, Still life artists)</p> <ul style="list-style-type: none"> Using photography to observe and record. Organising work in a suitable format (sketchbook or mounted sheets) 		<p>response subject matter context mood</p>
<p>Catering Mrs Read</p>	<p>Introduction to the BTEC Home Cooking Skills Course</p> <ul style="list-style-type: none"> Food Safety and Hygiene How to eat healthily Food shopping and planning Working to a budget Economising Understanding labelling meat safety Breakfasts Soups Eggs Sandwiches Pastry Lunches Salads Choosing recipes 	<ul style="list-style-type: none"> Students need to provide evidence of how they have passes on information to others about cooking meals at home from scratch. <p>Evidence could include:</p> <ul style="list-style-type: none"> Photographs of them cooking at home (Encourage students to cook at home – photograph any practical cooking and bring the photos to school to build up their portfolio for their files. If photos can't be printed out at home email them to me at mrs.read@limpsfield-grange.surrey.sch.uk and I will print them.) Copies of emails sending recipes on to family and friends Witness statements from others that have tasted of their cooking and witness their skills. Students need to practice cooking a range of different dishes and skills; they need to practice cooking more than one dish at a time for eg, a main dish and a dessert. Explore and use new and different ingredients from shops Encourage students to try new foods and tastes 	<p>safety hygiene cross contamination bacteria economising budget costing timings</p>



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		<ul style="list-style-type: none"> • Look at recipes in magazines and cookery programmes on television 	
<p>ICT Mrs Janaway</p>	<p>BTEC Firsts Information and Creative Technology (2012) https://qualifications.pearson.com/en/qualifications/btec-firsts/information-and-creative-technology-2012-nqf.html Unit 1 – The Online World</p> <ul style="list-style-type: none"> • Online services • Online advertising <p>Online Software / Storage</p> <ul style="list-style-type: none"> • Advantages and disadvantages • File compression / expansion <p>The Internet</p> <ul style="list-style-type: none"> • Hardware • Protocols • Internet Service Providers • Bandwidth • LAN/WAN <p>World Wide Web</p> <ul style="list-style-type: none"> • Web servers • Internet browsers • Search engines <p>Email</p> <ul style="list-style-type: none"> • Protocols • Store and forward model <p>Data Exchange</p>	<ul style="list-style-type: none"> • BTEC Revision guides are available to buy but your daughter will be provided with a similar version, created by Mrs Janaway, which has been differentiated. Official guides can be bought from Amazon - BTEC First in I&CT Revision Guide (BTEC First IT) https://www.amazon.co.uk/BTEC-First-CT-Revision-Guide/dp/1446909794/ref=sr_1_1?s=books&ie=UTF8&qid=1504878426&sr=1-1&keywords=btec+ict • Homework will sometimes be set from the official Revision Workbook and the answers are in the back so it may be useful for you to have a copy of this to support homework - BTEC First in I&CT Revision Workbook (BTEC First IT) https://www.amazon.co.uk/BTEC-First-CT-Revision-Workbook/dp/1446909808/ref=sr_1_2?s=books&ie=UTF8&qid=1504878426&sr=1-2&keywords=btec+ict • Revise and learn the key words supplied in each lesson. • Talk about the different online services you use and the advantages and disadvantages of using them. 	<p>social networking instant messaging blog / vlog wiki server client VoIP VLE online conference ubiquitous computing netiquette pay-per-click search engine collaboration back up access permission read only cloud computing</p> <p>access point router Ethernet cable packet switching hyperlink URL HTTP HTML SMTP POP3 IMAP webmail spam phishing simplex half duplex duplex parallel transmission serial transmission CODEC</p>



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	<ul style="list-style-type: none"> • Hardware and software • The role of a coder / decoder • Transmission methods • Parallel, serial and bi-directional transmission • Packet switching • Components of a wireless network 	<ul style="list-style-type: none"> • If you use any online software or storage show your daughter and discuss the features and how it works. 	
<p>PE Miss Richardson</p>	<ul style="list-style-type: none"> • General Fitness • Aerobics • Work on Core stability • Understanding importance of healthy lifestyle • Work on ability to be physically active for sustained periods of time • Developing an understanding of which movements work different muscle groups and begin to develop ability to plan an effective fitness session. • Planning an effective warmup and cool down • Leading an effective warmup And cool down to a small group 	<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 Wick's PE. • Encourage a healthy lifestyle for your daughter • Investigate local groups where your daughter could be involved in team/ individual sport • Encourage your daughter to watch sporting events live/ on TV/ on Youtube. Particularly women in sport. 	<p>exercise core muscle stretch intensity pulse raiser cooldown warmup quadri- ceps hamstring bicep tricep calf abdominals shoulders</p>



<p>RE Mrs Chang</p>	<p>Edexcel GCSE Religious Studies B</p> <p>Paper 1 Religion and Ethics: Christianity Unit 1: Christian Beliefs</p> <ul style="list-style-type: none"> • The Trinity • Creation • Jesus Christ • The Last Supper • Salvation • Life after death • Evil and suffering <p>Paper 2 Religion, Peace and Conflict: Islam Unit 1: Muslim Beliefs</p> <ul style="list-style-type: none"> • The Six Beliefs of Islam • The Five roots of 'Usal ad-Din in Shi'a Islam • The nature of Allah • Risalah • Muslim Holy Books • Angels 	<ul style="list-style-type: none"> • Talk about your own beliefs with your daughter, discuss why people may have the opposing view, and ask them to back up their opinions. • Watch the news and read the newspapers talk about references to God, Allah and religion • Watch the news with your daughter and discuss the issues relevant to the course • Support your daughter to learn the key words which will be tested regularly in class. • Use YouTube clips linked to the exam board, they often give short clear explanation of the topics <p>Websites: https://qualifications.pearson.com/en/qualification/s/edexcel-gcses/religious-studies-b-2016.html GCSE Edexcel Christianity https://www.bbc.co.uk/bitesize/topics/zh7bxyc GCSE Edexcel Islam https://www.bbc.co.uk/bitesize/topics/zf64pg8 The Oak Academy https://classroom.thenational.academy/subjects-by-year/year-10/subjects/religion</p>	<p>Trinity, Nicene incarnate incarnation ascension atonement purgatory omnipotent</p> <p>Sunni Islam Shi'a Islam Nubuwwah Mi'ad Quran immanence omnipotence Risalah, Tawrat, Zabur, Sahifah</p> <p>The Word Son of God resurrection salvation judgement righteous benevolent</p> <p>Tawhid Predestination Adl, Allah Surah Imamah Usul-al-Din transcendence beneficence prophethood kutub Injil</p>
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