



9F Curriculum Overview
Autumn Term 2020

Subject	Area(s) of Study	Suggestions for Parental Support/Involvement at Home	Key words
English Mrs Forbes Year 9	<ul style="list-style-type: none"> • We will be using the All the World's a Stage speech to look at seven different ages of being a woman • We will be looking at short stories and extracts with a Gothic theme after half term • We will be reading poems, short stories and nonfiction extracts to explore childhood, adolescence, the world of work and old age • Students will be producing a wide range of written responses including poetry, creative writing and non-fiction texts • In the second half of the autumn term we will be reading The Red Room and begin to look at 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 and confidence in expressing their personal critical response 	<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 her experiences when starting school and any memories you may have of her time as a baby • Encourage your daughter to read on a daily basis and talk to her about the characters, plot and setting • Talk to your daughter about how she thinks and feels as a young woman growing up in today's world 	<p>Core vocabulary: poetry, vocabulary, language, Paragraph, sentence, fullstop, comma, responsibility, childhood, adolescent, the world of work, old age, fiction, non-fiction</p> <p>Extension: imagery, simile, metaphor, alliteration, sibilance</p>



<p>Maths Mrs Chang</p>	<p>Number</p> <ul style="list-style-type: none"> Negative numbers Order of operations (BIDMAS) Place value, ordering and rounding Estimating and using inverse functions Factors, multiples and prime numbers Squares and roots <p>Algebra</p> <ul style="list-style-type: none"> Write and simplify expressions using algebraic notation Substitution and formulae Expanding brackets and factorising <p>Fractions and Percentages</p> <ul style="list-style-type: none"> Comparing, adding and subtracting fractions Finding a fraction or percentage of a quantity Converting between fractions, decimals and percentages Using percentages and/or fractions to solve problems, including finding interest and VAT. <p>Graphs, Tables and Charts</p> <ul style="list-style-type: none"> Designing and using data collection sheets and tables Stem and leaf diagrams Pie charts Scatter graphs 	<ul style="list-style-type: none"> Discuss key words and their meaning. Practice multiplication tables and number bonds. (Times Table Rockstars) https://trockstars.com/ Practise working with numbers in real life situations e.g. shopping, looking for the best deal, looking at price per 100g. Encourage your daughter to pay for items when shopping. Work on counting the money and checking the change. Play board games and games with dice and cards Involve your daughter when cooking, etc. at home; a great way to have fun with Maths. http://www.topmarks.co.uk Use BBC bitesize, there are activities and short video clips. https://www.bbc.co.uk/bitesize/subjects/zqhs34j Use MyMaths games and topic-specific boosters. https://login.mymaths.co.uk/login Complete tasks set by EC on Mangahigh https://www.mangahigh.com/en/ 	<p>positive negative integer decimal place significant figure inverse product factor multiple prime square root simplify expression formula substitute expand factorise denominator numerator percentage coordinates four quadrants horizontal and vertical lines</p>
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<p>Science Miss Herron</p>	<ul style="list-style-type: none"> Metals and Rusting – useful properties of metals, metals around the school site, designing a water bottle, reactive metals, corrosion and rusting, practical experiments involving metals and water/ metals and acids, and alloys Genes and DNA – Variation including making models from sweets, what is DNA, extracting DNA from strawberries, genes and extinction, Darwin’s theory of Natural Selection and a debate around recreating animals Electricity – Uses, appliances, batteries vs mains power, changing a plug, conductors and insulators, electricity in the home and safety around this 	<ul style="list-style-type: none"> Visit museums that encourage hands on participation, such as the Science Museum or Natural History Museum Talk about genes in the family – what similarities do you share with another family member? Discuss electrical safety in the home – switching off appliances if not using them, saving electricity, preventing fires etc. Talk about what to do if there is a power cut at home – where is the torch kept/ are there candles for alternative lighting 	<p>metal corrosion rusting acid alloy reaction dna gene variation extinction conductor insulator mains power appliance</p>
<p>ICT Mrs Daniels</p>	<ul style="list-style-type: none"> Keyboard skills – desktop, start menu, task bar. Managing files and folders. Creating and formatting tables. Digital resilience and risks of communicating online. Manipulating images using crop, rotate, flip colour adjustment and frames. Creating a flyer. Entering, editing and formatting data on a spreadsheet. 	<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. 	<p>social networking digital resilience digital footprint cyber-vetting privacy password business document attachment folders junk spam clutter</p>



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	<ul style="list-style-type: none"> • Passwords and viruses – what is a strong password, what is a virus? How we can avoid picking up a virus. • Online software, Word, PPT and Excel – using the software, saving your work and emailing completed work. 	<ul style="list-style-type: none"> • 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>phishing radio adverts database formatting</p>
<p>Art Miss Grant</p>	<p>Portrait project Lessons will focus on technical skills and higher level thinking so students are well-equipped for KS4. Students will use a range of materials and methods that develop their observational skills. Students will plan individual and original sketchbook pages using stencilling and printmaking techniques.</p> <ul style="list-style-type: none"> • Observational drawing • Stencil design/papercutting • Exploring the work of Caledonia Curry/Swoon • Mind-mapping and thought showers • Developing original ideas and researching images. • Planning sketchbook pages and selecting subject matter that reflects personality • Monoprinting • Planning and executing a mono-print self-portrait 	<ul style="list-style-type: none"> • Encouraging drawing or colouring for pleasure. • Keeping a doodle book/scrap book of ideas and inspirations. • 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 papercutting artists • Taking the time to observe surroundings and the patterns made by shadows. • There are excellent how to draw videos on YouTube with lots of step-by-step guides. Encourage your daughter to explore these. 	<p>tone form blending detail observation perception representation layers imagination psychology description annotation attention accuracy contrast gestural fluidity spontaneous expressive impressionistic tertiary colour palette</p>



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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 • Foods on the go • Special Occasions • Choosing recipes • Shopping • Budgeting <p>Dishes likely to include:</p> <ul style="list-style-type: none"> • Cereal Bars • Chicken Pasta Salad • Mini Quiches • Sausage Rolls • Vol au vents • Scotch eggs 	<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 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
PE Miss Richardson	<ul style="list-style-type: none"> • General Fitness • Aerobics • Work on Core stability 	<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. 	exercise core muscle stretch intensity



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	<ul style="list-style-type: none"> • 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 cool down • Leading an effective warmup And cool down to a small group 	<ul style="list-style-type: none"> • 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. 	<p>pulse raiser cooldown warmup</p>
<p>SOLD Mrs Eves</p>	<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>		