



# LIMPSFIELD GRANGE SCHOOL

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## 7H Curriculum Overview

### Spring Term 2017

Subject	Area(s) of Study	Suggestions for Parental Support/Involvement at Home	Key words
English Mrs Tremaine	<ul style="list-style-type: none"> <li>We will read: '<b>Kensuke's Kingdom</b>' by <b>Michael Morpurgo</b> and complete related tasks, starting with an Island non-fiction project.</li> <li>Grammar activities including punctuation, sentence and paragraph construction</li> <li>Spelling high frequency words</li> <li>Persuasive writing techniques</li> <li>Formal/Informal language</li> <li>Different styles of travel writing including diary entries</li> <li>Speaking/listening as we present our own island brochure</li> <li>Script reading and speech writing</li> </ul>	<ul style="list-style-type: none"> <li>Regular reading and discussion of the feelings of the characters in their own reading book, or on TV shows or in films.</li> <li>Encourage the use of more advance connective words such as however/although/as well as/ nevertheless/ despite/ in addition to/contrary to etc. when talking, to help with clear explanations.</li> <li>Encourage the use of a Dictionary, Thesaurus including online versions.</li> <li>All reading should be encouraged both quietly and aloud to increase confidence in the spoken word.</li> <li>Games such as 'articulate, taboo, charades' etc. to encourage imaginative thinking!</li> </ul>	<p><b>Core:</b> Sentence, capital letter, paragraph, vocabulary, punctuation, organise, debate, persuasive, national identity, brochure, advertisement, guidebook, character description, 1<sup>st</sup> person, speech marks, summary.</p> <p><b>Extension:</b> text, extract analysis, rhetorical question, direct address, alliteration, narrative empathy, structure, honour, predicament, imagery.</p>
Maths Mrs Chippington	<p>We will be studying the topics of 'Algebra – Expressions and Formulae' And Fractions, Decimals and percentages.</p> <p><u>Expressions and Formulae</u></p> <ul style="list-style-type: none"> <li>Algebraic symbols</li> <li>Expressions</li> </ul>	<ul style="list-style-type: none"> <li>Use MyMaths at home</li> <li>Work with your daughter to use money, check change etc.</li> <li>When shopping look at sale items, e.g. 50% off, half-price sale, etc.</li> <li>Use BBC bitesize KS3, there are activities and short video clips.</li> </ul>	<p><u><b>Expressions and formulae.</b></u></p> <p>value symbol expression term simplify like terms pattern</p>



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	<ul style="list-style-type: none"> <li>• Collecting like terms</li> <li>• Using a formula</li> <li>• Writing a formula</li> </ul> <p><u>Fractions, Decimals and Percentages.</u></p> <ul style="list-style-type: none"> <li>• Simple fractions</li> <li>• Equivalent fractions</li> <li>• Addition and subtraction of fractions</li> <li>• Decimals and fractions</li> <li>• Fraction of a quantity</li> <li>• Percentages</li> <li>• Percentage of an amount</li> <li>• The link between fractions, decimals and percentages</li> </ul>		<p>formula subject</p> <p><b><u>Fractions, Decimals and Percentages.</u></b></p> <p>numerator denominator equivalence equivalent fraction highest common factor cancel a fraction equivalent decimals percentage place value integer</p>
Science Mrs Roebuck	<ul style="list-style-type: none"> <li>• Electricity</li> <li>• Energy</li> <li>• Cells Tissues and Organ Systems</li> </ul>	<ul style="list-style-type: none"> <li>• Visit museums e.g. The Science Museum (Kensington) or The Look Out Discovery Centre (Bracknell).</li> <li>• Encourage your daughter to write down any scientific questions they think of at home (that you can't answer yourself), then bring in to ask me in class.</li> </ul>	<p><b><u>Electricity</u></b></p> <p>circuit bulb electricity amp voltmeter current battery wire ammeter voltage volt</p> <p><b><u>Energy</u></b></p> <p>energy</p>



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			joule transfer transferred renewable non-renewable biomass nuclear hydroelectric solar panels geothermal fossil fuel <u><b>Cells Tissues and Organ Systems.</b></u> organism mnemonic respire / respiration nutrition excrete / excretion organ photosynthesis chloroplast chlorophyll carbon dioxide tissue xylem cell specialised nucleus cytoplasm membrane vacuole blood vessel circulation / circulatory
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			digestion / digestive system urinary system nervous system
Computing Mrs Janaway	<ul style="list-style-type: none"> <li>Algorithms and Flowcharts</li> <li>Programming – Probot, Kodu &amp; Scratch</li> <li>Data types</li> <li>Data representation – Spreadsheets and Databases in Excel</li> <li>Hardware – understanding input, output and storage</li> <li>The Internet, WWW and Search Engines</li> <li>Online Safety:             <ul style="list-style-type: none"> <li>Private and public information</li> <li>Grooming</li> <li>Stalking</li> <li>Cyberbullying</li> <li>Acceptable and unacceptable online behaviour</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Look at e-safety websites -  <a href="http://www.thinkuknow.co.uk/">http://www.thinkuknow.co.uk/</a>  <a href="http://www.childnet.com/">www.childnet.com/</a>  <a href="http://www.safetynetkids.org.uk/personal-safety/staying-safe-online/">www.safetynetkids.org.uk/personal-safety/staying-safe-online/</a> </li> <li>E-mail homework to the subject teacher. You can access the school e-mail system from home by Googling – Office 365. Your daughter's username and password are recorded in her diary.</li> <li>Save homework on to a USB Memory stick.</li> <li>BBC Bitesize provides a great introduction to Computer Science -  <a href="http://www.bbc.co.uk/education/subjects/z34k7ty">http://www.bbc.co.uk/education/subjects/z34k7ty</a> </li> <li>Read 'Computer Coding for Kids' by Carol Vorderman. A practical book which students can use at home.</li> <li>Kodu and Scratch can be downloaded for free to your home computer.            Kodu - <a href="https://www.kodugamelab.com/">https://www.kodugamelab.com/</a>            Scratch - <a href="https://scratch.mit.edu/">https://scratch.mit.edu/</a> (version 1.4)         </li> <li>Take photos with a digital camera or Smartphone and practise uploading them to a</li> </ul>	algorithm instruction flowchart program sequence repetition loop selection variable sprite debug currency alphanumeric autosum formula filter multimedia input output storage device network cloud grooming stalker



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		laptop or PC	troll virus
Art Miss Henderson	<ul style="list-style-type: none"> <li>Throughout the spring term students will be developing their observational drawing skills and knowledge.</li> <li>All students will continue to use The Formal Elements (line, tone, colour, pattern, texture, and shape) whilst developing their understanding and use of a range of new media choices including clay and paper Mache.</li> <li>Skills and techniques learnt this term will be developed within a range of mini project outcomes and linked to the theme of "sweets".</li> <li>Through the use of clay all students will work as a team to produce a box of clay chocolates.</li> <li>Through the use of paper Mache all students will produce a giant chocolate bar.</li> </ul>	<ul style="list-style-type: none"> <li>Research Sarah Graham and discuss.</li> <li>Research "sweet" themed Art and print examples.</li> <li>Research the formal elements of art.</li> <li>Research media choices used by famous artists who use "sweets" as their theme.</li> <li>Produce small pieces of art that use a range of media reflecting this research.</li> </ul>	Line Tone Colour Pattern Texture Shape Paint Pastel Ink Collage Artist Media Sarah Graham Display Exhibition Clay Paper Mache Chocolate Sweets



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<p>Drama &amp; Communication Mrs Tremaine</p>	<p>This term we will continue to develop our physical awareness through exercises in:</p> <ul style="list-style-type: none"> <li>• Basic Mime</li> <li>• Spatial awareness</li> <li>• Tableau</li> <li>• Watch examples of these and discuss</li> <li>• Increase awareness of body language</li> </ul> <p>We will use these skills to create small scenes based on developing social awareness.</p>	<ul style="list-style-type: none"> <li>• Look at different types of drama and entertainment together.</li> <li>• Discuss the different styles of body language and their effect.</li> <li>• Where possible, take opportunities to see live performance such as plays, musicals and panto.</li> </ul>	<p>listening cooperation relationship awareness space sensitivity tone self-control tableau body language bullying</p>
<p>Food Technology: Mrs Humphrey (7H)</p>	<ul style="list-style-type: none"> <li>• Hygiene and safety in the kitchen.</li> <li>• Food preparation- safe use of the knife using the bridge and claw hold.</li> <li>• Healthy eating- the Eat Well Plate.</li> <li>• Fruit and vegetables- eating 5 a day.</li> <li>• Cooking food- introduction to the hob and oven.</li> <li>• Packaging and labelling</li> <li>• Muffin development</li> </ul>	<ul style="list-style-type: none"> <li>• Encourage students to cook at home</li> <li>• Encourage help in the kitchen at home, this could include serving meals and helping to tidy away afterwards</li> <li>• Explore and use new and different ingredients</li> <li>• Encourage students to try new foods and tastes</li> <li>• Look at recipes in magazines and watch cookery programmes on television.</li> <li>• Help with food shopping, looking at the wide range of foods available and the different prices for a similar product</li> </ul>	<p>hygiene bacteria salmonella, names of fruit and vegetables cereals, wheat, oats, barley, rye, maize names of equipment – colander, scales, frying pan, sauce pan, oven, hob, balanced diet</p>



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			designing and evaluating	
Humanities Geography Mrs Sabey	<ul style="list-style-type: none"><li>• Geography of Great Britain.</li><li>• Key Geographical features, countries, main towns and cities.</li></ul>	<ul style="list-style-type: none"><li>• Talk about and find on maps towns and cities in UK they have visited.</li><li>• Watch programmes about places around the UK. When places in Britain are in the news look at where they are on map.</li><li>• <a href="http://www.oddizzi.com/">http://www.oddizzi.com/</a></li><li>• Username – Humanities Password - Limpfield <a href="http://www.3dgeography.co.uk/geography-of-the-uk">http://www.3dgeography.co.uk/geography-of-the-uk</a> <a href="http://homeworkhelp.stjohnssevenoaks.co.uk/geography/index.html">http://homeworkhelp.stjohnssevenoaks.co.uk/geography/index.html</a></li></ul>	England Scotland Wales N. Ireland Europe capital city population town city hills mountains coast sea rivers	
Humanities History Mrs Sabey	<ul style="list-style-type: none"><li>• Control of Britain – events of 1066 leading to the Battle of Hastings.</li></ul>	<ul style="list-style-type: none"><li>• Continue practising time vocabulary.</li><li>• Read and share books about the Normans and William Conqueror.</li><li>• Visit Battle near Hastings.</li><li>• <a href="http://primaryhomeworkhelp.co.uk/bt.html">http://primaryhomeworkhelp.co.uk/bt.html</a></li><li>• <a href="http://www.allabout1066.net/timeline.htm">http://www.allabout1066.net/timeline.htm</a></li></ul>	Normans Vikings Edward the Confessor William Duke of Normandy Harold Godwinson, Harald Hardrada, Battle of Stamford	Saxons Edgar Witan heir claimant invaders conquest battle archers cavalry infantry shield wall





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			Bridge Battle of Hastings Bayeux	Fyrd house carls Bayeux Tapestry
Outdoor Learning Mr Bunn (7R)	<ul style="list-style-type: none"> <li>Animal Care - health and safety, animal handling, animal health, nutrition, lifecycle, farming</li> <li>Horticulture - health and safety, plants, vegetables, sow and grow, harvesting, cooking, South East in Bloom</li> <li>Forest Schools - health and safety, trees, create a forest school, wildlife, dens, trips out, animal homes</li> <li>Outdoor Skills - health and safety, orienteering, outdoor cooking, survival, tents, camp out's, fire circle</li> </ul>	<ul style="list-style-type: none"> <li>Visits to country parks, wildlife parks, zoos, garden centres, walks in woodland etc.</li> <li>Encourage your daughter to get out into the outdoors as much as possible, even if it is raining.</li> <li>If possible watch CountryFile on Sunday evenings or any nature/outdoors/ programmes.</li> <li>Encourage helping with gardening and identifying plants, trees, wildflowers and weeds.</li> <li>Encourage your daughter to look at maps/compasses to get a general idea of directions.</li> <li>Ask your daughter to direct you to the local shops etc.</li> <li>Ask for suggestions of food to cook on an outdoor stove.</li> <li>Encourage your daughter to identify Health and Safety risks when doing activities such as cooking, gardening and how to lower the risk of accidents.</li> </ul>	outdoors determination commitment vegetable alpaca chestnut maple shelter weather	





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RE Mrs Sabey	<ul style="list-style-type: none"> <li>• Judaism – Who are the Jews?</li> <li>• Judaism – What does it mean to be a Jew?</li> </ul>	<ul style="list-style-type: none"> <li>• Talking about Judaism, signs and symbols, the Synagogue and the Jew's holy book.</li> <li>• Talking about Jewish practises, kosher food, festivals etc.</li> <li>• <a href="http://www.bbc.co.uk/schools/religion/judaism/index.shtml">http://www.bbc.co.uk/schools/religion/judaism/index.shtml</a></li> </ul>	Jew Jewish Ark Hebrew Kosher Ner Tamid Shofar Synagogue Yad Judaism Abraham Bimah Kippah Menorah Rabbi Shabbat Star of David Torah
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