



## 7M Curriculum Overview

### Spring Term 2018

Subject	Area(s) of Study	Suggestions for Parental Support/Involvement at Home	Key words
English Mrs Chippington	<p>Lessons will focus on reading, writing, speaking and listening, alongside encouraging independent and group work. Activities will include:</p> <ul style="list-style-type: none"> <li>• Spelling, punctuation and grammar activities.</li> <li>• Set text – Two Weeks with the Queen by Morris Gleitzman to include diary writing, letter writing, comprehension tasks, ‘point, evidence, explain.’</li> <li>• Creative writing - using images as a stimulus</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 the words because/however/although/as well as 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>sentences paragraphs connectives punctuation extract character sentence starters inference</p> <p>description vocabulary purpose audience structure imagery simile metaphor PEE – point, evidence, explain</p>
Maths Mrs Millard	<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> </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>fraction decimal denominator numerator equivalent fractions percentage half third quarter</p>



	<ul style="list-style-type: none"> <li>The link between fractions, decimals and percentages</li> </ul> <p><u>Statistics</u></p> <ul style="list-style-type: none"> <li>Constructing and interpreting different types of graphs, charts and tables including bar graphs, pie charts, frequency tables, lines graphs</li> <li>Mean, median, mode and range of a set of data</li> <li>Statistics and Data Handling – looking at sorting, gathering and presenting data in different ways.</li> <li>Sorting objects and classifying them in different ways.</li> <li>Carroll and Venn diagrams.</li> </ul>	<ul style="list-style-type: none"> <li>In newspapers or on the news point out the use of graphs, tables, etc. and talk about what they mean</li> <li>Use e.g. football league tables, to discuss the range of number of points clubs have, the median positioned club, etc.</li> </ul>	<table border="0"> <tr> <td>data</td> <td>tally</td> </tr> <tr> <td>frequency</td> <td>hypothesis</td> </tr> <tr> <td>total</td> <td>Venn diagram</td> </tr> <tr> <td>bar chart</td> <td>average</td> </tr> <tr> <td>pictogram</td> <td>mean</td> </tr> <tr> <td>represent</td> <td>mode</td> </tr> <tr> <td>Carroll diagram</td> <td>frequency</td> </tr> </table>	data	tally	frequency	hypothesis	total	Venn diagram	bar chart	average	pictogram	mean	represent	mode	Carroll diagram	frequency
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<p>Science Mrs Roebuck</p>	<ul style="list-style-type: none"> <li>Current and Electricity</li> <li>Muscles and Bones</li> </ul>	<ul style="list-style-type: none"> <li>Practice saying the key words in the next column. Discuss the meanings. Are there any similar words that might cause confusion?</li> <li>Visit museums e.g. The Science Museum (Kensington) or The Look Out Discovery Centre (Bracknell).</li> <li>Watch popular science programs on TV e.g. BBC 'Big Cats'.</li> <li>Encourage your daughter to write down any scientific questions they think of at home (that you can't answer yourself), then bring it in to ask</li> </ul>	<p>current Ampere / Amp battery wire ammeter circuit bulb electricity energy muscle contract</p>														



# LIMPSFIELD GRANGE SCHOOL

*'together we make a difference'*

		me in class.	relax bone vertebrae pulse blood vessel skeleton tendon cartilage ligament
Computing Mrs Janaway	<ul style="list-style-type: none"> <li>Algorithms and creating simple flowcharts</li> <li>Using a spreadsheet</li> <li>Different types of data</li> <li>Programming – Kodu</li> <li>Hardware / Software</li> <li>Input and output devices</li> <li>Using a digital camera</li> <li>Acceptable and unacceptable use of the Internet</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.</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>Kodu can be downloaded for free to your home computer. Kodu - <a href="https://www.kodugamelab.com/">https://www.kodugamelab.com/</a></li> <li>Take photos with a digital camera or Smartphone and practise uploading them to a laptop or PC.</li> </ul>	instructions sequence repeat repetition Excel cell cell reference column row format Autosum symbol formula chart text image number  image sound currency date / time alphanumeric pathway tile when / do edit debug upload age appropriate file sharing Copyright



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<p>Art Miss Henderson</p>	<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> <li>• Research will be carried out about specific artists and all students will be encouraged to experiment with their use of the formal elements and media choices.</li> </ul> <p><b>Artists link - Sarah Graham</b></p>	<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>	<p>line tone colour pattern texture shape paint pastel ink collage artist media Sarah Graham display exhibition clay paper mache chocolate sweets</p>
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Humanities is taught in blocks for each subject. Each block will be about 3 weeks with 2 lessons a week.

<p>RE Mrs Sabey</p>	<ul style="list-style-type: none"> <li>• How important are the Home and Tradition for Jews?</li> <li>• What happens in the home around Shabbat and festivals?</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>	<p>Jew Jewish Ark Hebrew Kosher Ner Tamid Shofar Synagogue Yad Judaism Abraham Bimah Kippah Menorah Rabbi Shabbat Star of David Torah</p>
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<p>Humanities Geography Mrs Sabey</p>	<ul style="list-style-type: none"> <li>• Geography of Great Britain, UK and British Isles – the countries, capital cities and surrounding seas.</li> <li>• Different cultures food etc.</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 - Limpsfield <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.com/geography/index.html">http://homeworkhelp.stjohnssevenoaks.com/geography/index.html</a></li> </ul>	<p>England Scotland Wales N. Ireland Europe capital city population town city hills mountains coast sea rivers</p>
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<p>Humanities History Mrs Sabey</p>	<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>	<p>Normans Vikings Edward the Confessor William Duke of Normandy Harold Godwinson, Harald Hardrada, Battle of Stamford Bridge Battle of Hastings Bayeux</p>	<p>Saxons Edgar Witan heir claimant invaders conquest battle archers cavalry infantry shield wall Fyrd house carls Bayeux Tapestry</p>
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<p>Outdoor Learning Mr Bunn</p>	<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, this will be taught through a special Forest Schools programme delivered off-site.</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>	<p>outdoors determination commitment vegetable alpaca chestnut maple shelter weather</p>
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<p>Creativity Miss Humphrey</p>	<ul style="list-style-type: none"> <li>• War time research</li> <li>• War time cooking and making</li> <li>• Pastry making</li> <li>• Pastry rolling, and shaping</li> <li>• Mini food festival prep</li> <li>• Cakes and war time treats</li> <li>• Time planning</li> <li>• Special points to write on a time plan</li> <li>• Easter cooking and craft</li> </ul>	<ul style="list-style-type: none"> <li>• Encourage students to use a range of materials to explore their creative sides</li> <li>• Visit exhibitions and encourage them to bring their experiences to the creativity lesson</li> <li>• Discuss what they are doing in the lessons</li> <li>• Support them to collect or research resources</li> </ul>	<p>war time short crust filo puff choux pastry embellishment time planning special points quality control technical skills</p>
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