



LIMPSFIELD GRANGE SCHOOL

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8Z Curriculum Overview

Autumn 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"> • Wonder by R. J. Palacio • Read for meaning, looking at themes, characters and ideas • Develop our creative writing skills further with diary entries and expansion of our vocabulary. • Select information, using quotation and reference to text, using P.E.E. (Point, Evidence, Explain). • Use of Formal and Informal Language • Writer's use of Language and intended effect • Grammar activities include: a study of different uses of imagery, and improving our paragraph and sentence construction. 	<ul style="list-style-type: none"> • Look at different types of writing together, for example magazines, the internet, books and newspapers, and discuss the different styles of writing and their effect. • Encourage use of a dictionary for any words your daughter is unsure about. • Regular discussion about the feelings of characters in TV, Films and books that they are reading. 	novel character description quotation sentence paragraph structure tension P.E.E. evidence language empathy disfigurement precepts imagery idioms
Maths Mrs Millard	<ul style="list-style-type: none"> • Whole Numbers and Decimals • Measures, Perimeter and Area 	<ul style="list-style-type: none"> • Discuss key words and their meaning. • Practice multiplication tables. • When shopping, say aloud how you round the prices up or down in your head and keep an approximate running total. • If you find interesting articles or illustrations that 	positive negative decimal integer product factor square root inverse length mass capacity metric



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		<p>involve numbers, discuss what they show.</p> <ul style="list-style-type: none"> • Continue practicing telling the time and working out how long it is until an activity takes place (e.g. if it is 4pm now, how long is it until bedtime at 7.15pm?). • If you need to adjust a recipe, e.g. from four people to six people, encourage your daughter help. • Try listening to the 'More or Less' podcast on Radio 4. 	<p>remainder prime number prime factor highest common factor highest common multiple lowest common multiple square number cube number index</p>	<p>imperial perimeter area formula perpendicular</p>
<p>Science Mrs Roebuck</p>	<ul style="list-style-type: none"> • Food, organ systems and nutrition • Fluids • Combustion • Light 	<ul style="list-style-type: none"> • Look at nutritional informational on food packets, discussing what it means and why it is useful. • Watch popular science programs on the TV. • Visit museum e.g. The Science Museum (Kensington) or The Look Out Discovery Centre (Bracknell). • Encourage your daughter to write down any scientific questions they think of at home that you can't answer, then bring them in to class. 	<p>diet carbohydrate fat nutrient protein starch sugar oil lipid fibre constipation fuel malnutrition balanced diet deficiency disease</p>	<p>upthrust density float sink drag streamline fuel burning combustion pollution reactants products hydrocarbon fossil fuel oxide conservation</p>



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			survey rickets kwashiorkor anaemia obesity starvation digestion gut gland oesophagus ingestion saliva intestine rectum faeces egestion catalyst enzyme microorganism plasma diffusion villus solid liquid gas diffusion expand contract	exothermic endothermic thermometer pollution catalytic converter greenhouse gas global warming light vacuum transparent transmitted reflected absorbed translucent scattered image refraction interface retina cornea spectrum frequency dispersion filter melting freezing boiling
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			condensing evaporate pressure	sublimation anomalous
Computing Mrs Janaway	<ul style="list-style-type: none"> • Social Networking and the risks of communicating online • Private and personal information • Privacy settings and passwords • How to report a problem • The components of a computer • File extensions • Spreadsheets, formulae and formatting • Programming – Scratch • Introduction to Binary • The difference between the Internet and World Wide Web • Creating a database 	Useful Websites <ul style="list-style-type: none"> • Kidsmart • Get Safe Online • CEOP • Thinkuknow • Cyber Mentors <ul style="list-style-type: none"> • Check the privacy settings on your daughter's social networking accounts • Discuss online safety stories in the news • Take an interest in the apps, websites and social networking sites your daughter uses • Talk about different parts of the computer and what they are used for • Try using different search engines along with or instead of Google 	grooming stalker troll virus peer pressure fake profile block device CPU motherboard RAM hard drive disc drive graphics card network card formula cell cell reference symbol	Autosum function data validation formatting field record sequence selection repetition debug loop Internet World Wide Web search engine



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<p>Art Miss Henderson</p>	<ul style="list-style-type: none"> Over the Autumn term all students will be continuing to develop their art skills with the emphasis falling on media choices and techniques included in the students use of the formal elements. A presentation created by Alix Land who earns a living as a Graphic designer will influence the student ideas for a Typography Graphics project based on Self Identity. Final pieces will be created out of clay, bark and on a canvas board. <p>Artist Links = MC Escher, Alix Land and Aboriginal Art</p> <p>SMSC = recycling the environment</p>	<ul style="list-style-type: none"> Research Graphic artists and discuss. Research and evaluate examples of Graphics. Collect examples of different lettering styles from a variety of places e.g.; newspapers, magazines, shop signs, packaging, logos, slogans. Produce small pieces of graphical art that use a range of media evaluate each finished piece discussing good points and possible areas for improvement Research MC Escher and produce a simple information booklet about his art and your opinion of it. Research Aboriginal art and produce a simple information booklet about this art style and give your opinion of it. 	<p>line tone colour pattern texture shape artists typography media graphics identity computer font Aboriginal recycling bark environment stencil collage tracing paper reverse image logo slogan Escher</p>
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<p>Design Technology: Textiles Miss Henderson</p>	<ul style="list-style-type: none"> • During the Autumn term students will be introduced to a range of Textile 'skills for life' such as printing, dyeing, use of components and sewing by hand and machine. • Students will then be designing and making cushions and evaluating and discussing relevant client choices for their product. • The project enables the students to become more aware of client needs, product requirements and decorative and construction techniques. • All students will develop skills for life through hand and machine stitching and decorative textile techniques. 	<ul style="list-style-type: none"> • Research a variety of fabric bags and discuss. • Discuss the client type for each bag researched. • Discuss different types of bags and their uses. • Research and discuss the technique of 'tie dye'. • Research and discuss the technique 'block printing'. • Research cushion sizes, fastenings, fabrics and components used. 	<p>sewing machine needle thread technique dye print sew fabric cotton stitching decorative client template embellishment components evaluation product relevant cushion</p>
<p>Drama Mrs Tremaine</p>	<ul style="list-style-type: none"> • Developing awareness of different senses with mime skills. • Developing improvisations with natural speech. • Devising scenes intended for teaching social awareness. • Focusing on group cooperation and creativity. 	<ul style="list-style-type: none"> • Discuss different media and the intended effect on the viewer or listener. • Develop some shared evaluation of any film, theatre or TV experience. How did they experience it and why? 	<p>listening cooperation relationship awareness sensitivity bullying</p>



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Humanities is taught in blocks for each subject. The first block will be Geography, followed by History, R.E., and then another Geography block. We will also focus, in the week beginning 18th September, on Global Goals week. <http://www.globalgoals.org/>

<p>RE Mrs Sabey</p>	<ul style="list-style-type: none"> • How does Ramadan and the Hajj help Muslims to develop self-discipline in their daily lives? • What are the origins of Islam • The role of the Mosque and the Qur'an • The 5 Pillars of Islam • Ramadan and fasting • Hajj 	<ul style="list-style-type: none"> • Watch news, current affairs programme and documentaries which are about how religion impacts on how people live their life. • Encourage your daughter to read articles in the media about religion, discuss these and consider if the media is attempting to encourage people to hold a particular view. • Watch films based around families from religions other than Christianity, e.g. East is East, Bend it Like Beckham. • Visiting your local Mosque. • The following websites are a starting point. http://www.uri.org/kids/world_chri.htm http://www.islamkids.org/ 	<p>Qur'an The Five Pillars (or duties) of Islam</p> <table border="0"> <tr> <td>Shahadah</td> <td>Prayer</td> </tr> <tr> <td>Salah</td> <td>Wudu</td> </tr> <tr> <td>Almsgiving (Zakah)</td> <td>Muslims</td> </tr> <tr> <td>Pilgrimage (Hajj)</td> <td></td> </tr> <tr> <td>Id-ul-Fitr</td> <td>Id-ul-Adha</td> </tr> <tr> <td>Aqueqah</td> <td>fasting</td> </tr> <tr> <td>Sawm</td> <td>Ramadam</td> </tr> <tr> <td>Du'a</td> <td>Jumu'ah</td> </tr> <tr> <td>Mosque</td> <td>Zakah</td> </tr> <tr> <td>Ummah</td> <td>Sunni</td> </tr> <tr> <td>Shariah</td> <td>Sadaqah</td> </tr> <tr> <td>Discipline</td> <td>submission</td> </tr> </table>	Shahadah	Prayer	Salah	Wudu	Almsgiving (Zakah)	Muslims	Pilgrimage (Hajj)		Id-ul-Fitr	Id-ul-Adha	Aqueqah	fasting	Sawm	Ramadam	Du'a	Jumu'ah	Mosque	Zakah	Ummah	Sunni	Shariah	Sadaqah	Discipline	submission
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<p>Humanities History Mrs Sabey</p>	<p>The Tudors</p> <ul style="list-style-type: none"> • Overview of Tudor times. • Using different types of sources • Studying Henry VIII and the changes to the church during Tudor times • Understanding cause and effect 	<ul style="list-style-type: none"> • The following websites are a starting point. • http://tudorhistory.org/ • http://www.henryviiiandthetudors.co.uk/ • Places to visit: Hampton Court, Hever Castle. • Watching, reading about and discussing historical events. 	<p>monarch Henry VIII Katherine of Aragon Anne Boleyn reformation break with Rome dissolution monasteries</p>																								



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<p>Humanities Geography Mrs Sabey</p>	<p>Asia as a continent – where it is, what are its features?</p> <ul style="list-style-type: none"> • Understanding what a continent is and knowing the 7 continents of the world. • Looking at the main countries in the region and their features. • Asia's economy and people. • Asia's physical features- main deserts, mountains etc. Biomes. 	<ul style="list-style-type: none"> • Finding out about the countries in Asia and other countries which are nearby. Where they are on a map. What is the climate like? What is the way of life? • Watching the news and mentioning places in Asia. • Watching wildlife and Geographical programmes. • http://www.ducksters.com/geography/country/china.php • http://www.ducksters.com/geography/country/india.php • http://www.oddizzi.com/ Username – Humanities, Password - Grange • If you have been on holiday to Asia look at pictures etc. and bring them into school to show the class. • What items in your home are products of or items from Asia? 	<p>Asia climate population rural GDP glaciers biomes</p>
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