



LIMPSFIELD GRANGE SCHOOL

'together we make a difference'

7G Curriculum Overview Spring Term 2019

Subject	Area(s) of Study	Suggestions for Parental Support/Involvement at Home	Key words
English Mrs Onipko & Mrs Chippington	<ul style="list-style-type: none"> • Poetry – The Highwayman, to include work on imagery, inference and deduction, personal response • We will be reading <i>The Twits</i> by Roald Dahl this term • Students will use the novel and its themes to explore a wide range of other fiction and non-fiction texts such as autobiographical writing, poetry and short stories • Students will be expected to express their personal viewpoints in both written and spoken tasks • Students will identify interesting and unusual vocabulary and its effect • Students will be producing a wide range of written responses including poetry, creative writing and nonfiction texts such as speeches, developing their confidence to write within a set timeframe • Students will also be responding through role-play and practical tasks 	<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 the text. Explaining the plot, characters, setting etc. will help her to consolidate her learning. • Encourage your daughter to read on a daily basis • Encourage your daughter to express her personal viewpoint on a wide range of topics • Talk to your daughter about how informal and formal language works • Support your daughter with her weekly homework task 	<p>Core Key Words</p> <p>Fiction, non-fiction, vocabulary, narrator, autobiography, mood and tone, simile, metaphor, character, setting, the 5 senses, formal language, informal language, contractions, slang, standard English</p> <p>Extension</p> <p>biography, neologism, imagery, personification, sound imagery, sibilance, syntax</p>



LIMPSFIELD GRANGE SCHOOL

'together we make a difference'

	<p>such as debating</p> <ul style="list-style-type: none"> Throughout the term students will be working on vocabulary tasks and being encouraged to develop the technical accuracy of their written response 			
<p>Maths Mrs Sabey</p>	<p>Fractions, Decimals and Percentages</p> <ul style="list-style-type: none"> Simple fractions Equivalent fractions Addition and subtraction of fractions Decimals and fractions Fraction of a quantity Percentages Percentage of an amount The link between fractions, decimals and percentages <p>Statistics</p> <ul style="list-style-type: none"> Constructing and interpreting different types of graphs, charts and tables including bar graphs, pie charts, frequency tables, lines graphs Statistics and Data Handling – looking at sorting, gathering and presenting data in different ways. Sorting objects and classifying them in different ways. Carroll and Venn diagrams. 	<ul style="list-style-type: none"> Practice multiplication tables Practice number bonds to 10, 20 and 100 Encourage day to day maths at home Measuring and weighing in the kitchen When dividing pizzas etc – talk about what fraction is eaten etc Discuss sales in shops what they mean ½ price 20% off etc Use BBC bitesize KS3, there are activities and short video clips Look at different graphs and charts in newspapers and magazines Also surveys – what types of questions do people ask http://www.theschoolrun.com/data-handling this will explain some of the activities we are doing Maths games on websites: http://www.topmarks.co.uk/maths-games/7-11-years/ordering-and-sequencing-numbers http://www.mathplayground.com/games.html 	<p>fraction denominator equivalent fractions percentage third fifth ninth hundredth</p> <p>data hypothesis Venn diagram average mean mode frequency</p>	<p>decimal numerator half quarter eighth tenth thousandth</p> <p>tally total bar chart pictogram represent Carroll diagram</p>



LIMPSFIELD GRANGE SCHOOL

'together we make a difference'

	<ul style="list-style-type: none"> • Mean, median, mode and range of a set of data <p>Angles and Symmetry</p> <ul style="list-style-type: none"> • Finding lines of symmetry in 2D shapes • Using reflective symmetry on a mirror line • Transform a shape by translation • Rotate shapes around a point • Create tessellation patterns 	<ul style="list-style-type: none"> • Looking at objects at home to see if there is symmetry • Looking at symmetry patterns on tiles • Talking about mirror images 	line of symmetry transformation image translation tessellation	rotational object reflection rotation
<p>Science Dr Rampogu</p>	<ul style="list-style-type: none"> • Current and Electricity • Muscles and Bones • Acids and Alkalis • Forces 	<ul style="list-style-type: none"> • Look at the electrical components at home and check the appliances to find the voltage • Watch the animations of electric circuits • Visit museums e.g. The Science Museum (Kensington) or The Lookout Discovery Centre (Bracknell) • 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 	lamp or bulb battery cell wire variable resistor resistor windpipe trachea diaphragm gullet intestine rectum respiration excretion gas exchange relax inhale	contract buzzer motor switch ammeter voltmeter push pull up thrust friction gravitational newton exhale ventilation pulse artery



LIMPSFIELD GRANGE SCHOOL

'together we make a difference'

<p>Computing Mr McMillan</p>	<ul style="list-style-type: none"> Algorithms and creating simple flowcharts Using a spreadsheet Different types of data Programming – Kodu 	<ul style="list-style-type: none"> Look at e-safety websites - http://www.thinkuknow.co.uk/ www.childnet.com/ www.safetynetkids.org.uk/personal-safety/staying-safe-online/ BBC Bitesize provides a great introduction to Computer Science - http://www.bbc.co.uk/education/subjects/z34k7ty Kodu can be downloaded for free to your home computer. Kodu - https://www.kodugamelab.com/ Take photos with a digital camera or Smartphone and practise uploading them to a laptop or PC. Also email WACI homework photos to Miss Grant from a student's account rather than from a parent's account. 	<p>instructions sequence repeat repetition Excel cell cell reference column row format Autosum symbol formula chart text image number video sound</p> <p>currency date / time alphanumeric pathway when / do edit debug</p>
---	---	--	---



<p>Art Miss Grant</p>	<p>Islamic pattern</p> <ul style="list-style-type: none"> • Islamic Art and culture • Maths in Art • Measuring skills and using line with precision • Colour groups and tones of colour • Preparing a design idea. • Creating a print using rotational symmetry. <p>Food in Art</p> <ul style="list-style-type: none"> • Pop Art and the work of Roy Lichtenstein and Wayne Thiebaud • Observational drawing in pencil and pastel • Drawing 3D shapes • Methodical working to create an image in the style of Lichtenstein. • Blending oil pastel • Exaggerated colour <p>Students will develop their printmaking and painting skills. They will apply their Maths knowledge in creative ways from a range of starting points.</p>	<ul style="list-style-type: none"> • Encouraging drawing or colouring for pleasure. • Looking at maps and discussing ways of life in other cultures. • Noticing reflective and rotational symmetry in patterns in everyday life, e.g. on tiles and fabrics as well as in nature. • The V&A website has some excellent images to look at: https://www.vam.ac.uk/collections/islamic-middle-east • 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 a ruler for straight lines • Using the full tonal range to show form 	<p>Islamic pattern arabesque star polygon geometric motif repeated symmetry reflection rotation tessellation angles axis</p> <p>popular culture subject matter advertising packaging fast food methodical cube cylinder parallel lines observation texture exaggeration</p>
----------------------------------	--	---	---



LIMPSFIELD GRANGE SCHOOL

'together we make a difference'

Humanities in Year 7 is on a rotation which means that students in 7G will have 2 lessons a week of Humanities until February half term and then they will have 2 sessions a week of Outdoor learning for the rest of the year. We will study RE in the first half term of the Spring Term.				
Humanities RE Mrs Sabey	<ul style="list-style-type: none"> How important are the Home and Tradition for Jews? What happens in the home around Shabbat and festivals? <p>How can churches help us understand Christian beliefs?</p> <ul style="list-style-type: none"> Symbols and artefacts in churches Visit at least one type of church to compare videos of another What the similarities and differences show about Christian beliefs Communion and Baptism – what is it and what happens in different churches? 	<ul style="list-style-type: none"> Talking about Judaism, signs and symbols, the Synagogue and the Jew's holy book Talking about Jewish practises, kosher food, festivals etc Shabbat at home and the synagogue We will also visit a local synagogue http://www.bbc.co.uk/schools/religion/judaism/index.shtml <ul style="list-style-type: none"> Visiting your local church or look at the outside of churches in your area. The following websites are a starting point. http://www.uri.org/kids/world_chri.htm Talk about experiences you have had of baptisms 	Jew Jewish Ark Hebrew Menorah Ner Tamid Synagogue Rabbi Star of David	Judaism Abraham Bimah Kippah Kosher Shofar Yad Shabbat Torah
			altar denomination baptist minister confirmation baptistery font Methodist	Anglican Eucharist baptism immersion priest pastor vicar curate dedication
			Church of England Roman Catholic Holy Communion communion table	



LIMPSFIELD GRANGE SCHOOL

'together we make a difference'

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