



7G Curriculum Overview
Summer Term 2019

Subject	Area(s) of Study	Suggestions for Parental Support and Involvement at Home	Key words
<p>English Mrs Onipko & Mrs Chippington</p>	<p>We will focus on: 'Myself'</p> <ul style="list-style-type: none"> • Grammar activities including punctuation, sentence and paragraph construction • Spelling high frequency words • Different function of Biography and Autobiography • Speaking/listening as we present our own autobiography <p>This will be based on reading/listening to:</p> <ul style="list-style-type: none"> • 'Boy' by Roald Dahl, • 'My Family and Other Animals' by Gerald Durrell • Romeo and Juliet, this will include diary writing, letter writing, comprehension tasks, 'point, evidence, explain' and links to the question style used on the GCSE papers. 	<ul style="list-style-type: none"> • Regular reading and discussion of the feelings of the characters in their own reading book, or on TV shows or in films. • Encourage the use of the words because/however/although/as well as etc. when talking, to help with clear explanations. • Encourage the use of a Dictionary, Thesaurus including online versions. • All reading should be encouraged both quietly and aloud to increase confidence in the spoken word. • Games such as 'articulate, taboo, charades' etc. to encourage imaginative thinking! 	<p>Core Key Words</p> <p>sentences paragraphs connectives punctuation extract character vocabulary audience description</p> <p>Extension</p> <p>purpose structure imagery</p>



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<p>Maths Mrs Sabey</p>	<p>Developing written and mental numeracy skills</p> <ul style="list-style-type: none"> Strengthening number bonds and using them in problem solving. Using column addition and subtraction – Tu, HTU and THTU Using exchanging in addition and subtraction with and without visual support. Consolidate multiplication facts to 12 x 12 Multiply and divide by 10,100 and 1,000 Multiply and divide whole numbers using written methods. Using a calculator and interpret the display in different contexts including money. <p>3D shapes and nets</p> <ul style="list-style-type: none"> Recapping on 2D shapes Recognising 3D shapes and their properties. Making nets and models of 3D shapes Recognising 2D representation of 3D shapes. <p>Angles and 2D shapes</p> <ul style="list-style-type: none"> To name different angles and their properties Use a protractor to measure angles 	<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. Look at patterns around us and find patterns in lists of numbers. Maths games on websites: http://www.topmarks.co.uk/maths-games/7-11-years/ordering-and-sequencing-numbers http://www.mathplayground.com/games.html http://www.mathschamps.co.uk/#home Talk to your daughter about shapes around the home. Look out for right angles around the home. Use compass points when talking about directions. Play battleships or make treasure maps. The school has a subscription to My Maths and at times this may be part of their homework task. https://www.mymaths.co.uk/ Discuss events where there is uncertainty or an element of chance in what happens – e.g. the weather, sports 	<p>exchanging units thousands column addition subtraction total multiply divide doubling</p> <p>shape names vertex net</p> <p>angle right angle</p>	<p>tens hundreds sum total subtract takeaway times share partition halving</p> <p>face edge construct</p> <p>acute angle obtuse angle</p>
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	<ul style="list-style-type: none"> Find the sum of angles on a point, straight line and in a triangle Classify triangles Points of the compass Co-ordinates <p>Probability</p> <ul style="list-style-type: none"> Use the vocabulary of probability to describe everyday events Researching with die and coins using the probability scale 	<p>events, TV talent shows. Ask which is the more likely to happen of several possible outcomes.</p>	<table border="0"> <tr> <td>reflex angle</td> <td>equilateral</td> </tr> <tr> <td>isosceles</td> <td>scale</td> </tr> <tr> <td>protractor</td> <td>North</td> </tr> <tr> <td>South</td> <td>East</td> </tr> <tr> <td>West</td> <td></td> </tr> <tr> <td>probability</td> <td>even</td> </tr> <tr> <td>chance</td> <td>event</td> </tr> <tr> <td>outcome</td> <td>likely</td> </tr> <tr> <td>unlikely</td> <td>impossible</td> </tr> <tr> <td>certain</td> <td></td> </tr> </table>	reflex angle	equilateral	isosceles	scale	protractor	North	South	East	West		probability	even	chance	event	outcome	likely	unlikely	impossible	certain	
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unlikely	impossible																						
certain																							
<p>Science Miss Goldblatt</p>	<ul style="list-style-type: none"> The particle model Sexual reproduction in animals Sound 	<ul style="list-style-type: none"> Watch popular science programs on the TV Visit museums e.g. The Science Museum (South Kensington) 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>Core Key Words</p> <ul style="list-style-type: none"> Solid, liquid, gas, property, state, matter, particle, diffusion, pressure, volume, Reproduction, offspring, sex / sexual intercourse, fertilisation, sperm, egg, puberty, ejaculation, erection, ovary, fallopian tube, cervix, vagina, gestation, umbilical cord, placenta Pitch, volume, frequency, sound wave, Hertz, decibel, ear, vibrate <p>Extension</p> <ul style="list-style-type: none"> Scientific model, theory, corrosive, compress, Brownian motion Gamete, nuclei, urethra, foreskin, 																				



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			circumcision, amniotic fluid • Ultrasound, sonar, echolocation, amplitude, vacuum
Computing Mr McMillan	<ul style="list-style-type: none"> • Creating and using a spreadsheet • Creating and using a presentation • Introduction to programming – Kodu Game Lab, Micro:bit • Risks of communicating online • How to create a positive digital footprint 	<ul style="list-style-type: none"> • Look at the Kodu Game Lab website - https://www.kodugamelab.com • Use the Micro:bit create code website - https://www.microbit.co.uk/create-code • Micro:bits can be purchased online, with prices starting at £16.99 - https://www.amazon.co.uk/s/ref=nb_sb_noss_2?url=search-alias%3Dcomputers&field-keywords=microbit • Look out for and discuss online safety stories in the news • Use the parent and student sections on online safety websites: http://www.thinkuknow.co.uk/ www.childnet.com/ www.safetynetkids.org.uk/personal-safety/staying-safe-online/ • Check social media privacy settings, with your daughter, once a month and especially after a software update • E-mail homework to the subject teacher as an attachment • Save homework onto a USB Memory stick. 	Spreadsheet Coding Data Variable Cell Loop Autosum Image Formula Debug Formatting Sequence Repetition Presentation slides Compile Types of slides Font Grooming Bullet points Stalking Builds Troll Transitions Fake profile Animations Virus Slide show Digital footprint Account Settings private



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<p>Art Miss Grant</p>	<p>Africa Students will create sketchbook pages inspired by the Art of a Continent. Lessons will focus on drawing skills, pattern, composition and methodical working. Topics will include:</p> <ul style="list-style-type: none"> • North Africa: Berber pattern and symbols. Watercolour and penwork. • Ghana: Asante culture and Adinkra symbols; Kente cloth. Paints and collage. • Nigeria: Adire cloth. Printing and wax resist. • South Africa: Zulu beadwork <p>Students will refine and evaluate their work as it progresses; solving problems as they arise and developing imaginative use of materials.</p>	<ul style="list-style-type: none"> • Looking at maps of Africa and identifying the different countries within the continent. • Researching the culture of different countries. • Encouraging drawing or colouring for pleasure. • Keeping a doodle book/scrap book of ideas and inspirations from Africa project. <p>Developing drawing skills</p> <ul style="list-style-type: none"> • Copying drawings from artists is very good for developing observational skills regardless of the subject matter. <p>Encouraging good drawing practice</p> <ul style="list-style-type: none"> • Using a sharp pencil • Including as much detail as possible • Using shading • Using contrast 	<p>Core Key Words</p> <p>Line Tone Contrast Pattern Detail Composition Layout Balance Thoughtful Methodical Culture Custom Tradition Context</p> <p>Extension</p> <p>Symbols Abstraction Distortion Ethnicity Society Nomadic Berber Yoruba Asante Zulu</p>
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<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>
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