



## 9M Curriculum Overview

### Autumn Term 2018

Subject	Area(s) of Study	Suggestions for Parental Support/Involvement at Home	Key words
<p><b>English</b> Mrs Onipko</p>	<p>We will be reading and exploring short stories, extracts and poems about journeys and then with a Gothic theme after half term</p> <p>Students will be expected to express their personal viewpoints in both written and spoken tasks Students will be looking at how using different vocabulary and different punctuation can create different effects and using this to set targets for their own writing</p> <p>Students will be producing a wide range of written responses including poetry, creative writing and nonfiction texts such as speeches beginning to write within a set timeframe</p> <p>Students will also be responding through role-play and practical tasks</p>	<ul style="list-style-type: none"> <li>• Talk to your daughter about her targets and what she has done each week to move towards them</li> <li>• Encourage your daughter to talk about the idea of a journey, the focus will change each week, best and worst journey for example or looking at travelling companions</li> <li>• Encourage your daughter to read on a daily basis and talk to her about the characters, plot and setting</li> <li>• Encourage your daughter to express her personal viewpoint on a wide range of topics</li> <li>• Talk to your daughter about how informal and formal language works</li> </ul>	<p><b>Key Words Core:</b> formal language, informal language, personification, contractions, slang, standard English, rhetorical questions, autobiography, biography, extract, novel, short story, anecdotes, mood and tone, structure, character, setting, sensory description</p> <p><b>Extension:</b> irony, imagery, simile, metaphor, sound imagery, sibilance</p>



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	<p>such as debating, having as much fun as possible as the texts we use become more challenging</p> <p>In the second half of the autumn term we will be reading a range of gothic short stories such as The Red Room and The Raven and begin to look at imagery and how different language choices make the reader feel</p> <p>Throughout the term students will be working on vocabulary tasks and being encouraged to develop the technical accuracy of their written responses</p>		
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<p><b>Maths</b> Miss Middlehurst</p>	<p><b>Whole numbers and decimals</b></p> <ul style="list-style-type: none"> <li>Ordering decimal numbers</li> <li>Rounding</li> <li>Negative numbers</li> <li>Order of operations</li> <li>Multiples and factors</li> <li>Common factors</li> <li>Prime numbers</li> <li>HCF, LCM</li> <li>Square numbers and square roots</li> </ul> <p><b>Measures and area</b></p> <ul style="list-style-type: none"> <li>Metric units of measure</li> <li>Reading scales</li> <li>Perimeter and area of a rectangle</li> <li>Area of a triangle</li> <li>Area of a parallelogram</li> <li>Circumference of a circle</li> </ul>	<ul style="list-style-type: none"> <li>Discuss key words and their meaning.</li> <li>Practise fast recall of multiplication tables and number bonds.</li> <li>Practise working with numbers in real life situations e.g. shopping, looking for the best deal, looking at price per 100g.</li> <li>Play board games and games with dice and cards</li> <li><a href="http://www.topmarks.co.uk">http://www.topmarks.co.uk</a></li> <li><a href="http://www.mathschamps.co.uk/#home">http://www.mathschamps.co.uk/#home</a> also has games which can be played at home.</li> <li><a href="http://www.topmarks.co.uk/maths-games/hit-the-button">http://www.topmarks.co.uk/maths-games/hit-the-button</a> is a great way to practise number bonds etc.</li> <li>Involve your daughter when cooking, etc. at home; a great way to have fun with Maths.</li> <li>Use BBC bitesize KS3, there are activities and short video clips.</li> <li>Use MyMaths games and boosters.</li> </ul>	<p>positive negative integer decimal place significant figure inverse product factor multiple remainder prime number prime factor highest common factor lowest common multiple</p>	<p>square number cube number square root cube root length mass capacity metric perimeter area formula perpendicular radius diameter</p>
<p><b>Science</b> Mrs Roebuck</p>	<ul style="list-style-type: none"> <li>Plants and their Reproduction</li> <li>Combustion</li> <li>Metals and their uses</li> </ul>	<ul style="list-style-type: none"> <li>Watch popular science programs on the TV.</li> <li>Visit museum 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, then bring them in to class.</li> </ul>	<p>classification characteristic genus species extinct biodiversity sexual reproduction asexual</p>	<p>fuel burning combustion pollution reactants products hydrocarbon fossil fuel oxide</p>



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			reproduction gamete zygote inherited fertilised pollination carpel stigma style ovary ovule anther filament stamen pollen germinate egested	conservation exothermic endothermic thermometer pollution catalytic converter greenhouse gas global warming properties metal non-metal halogens catalysts corrosion rusting formula reactivity effervescence alloy pure mixture malleable
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<p><b>Computing</b> Mrs Janaway</p>	<ul style="list-style-type: none"> <li>• Privacy settings and passwords</li> <li>• Creating a positive Digital Footprint</li> <li>• Online safety and the law</li> <li>• Health &amp; Safety</li> <li>• Website design</li> <li>• The components of a network and data transfer</li> <li>• Spreadsheets, formulae and functions</li> <li>• Programming – Small Basic</li> <li>• Identifying the needs of a target audience</li> <li>• Windows Movie Maker</li> <li>• Cloud Computing</li> </ul>	<p><b>Useful Websites</b></p> <ul style="list-style-type: none"> <li>• Kidsmart</li> <li>• CEOP</li> <li>• Thinkuknow</li> <li>• Get Safe Online</li> <li>• NSPCC Netaware</li> <li>• Check the privacy settings on your daughter's social networking accounts. Ensure all location services are turned off</li> <li>• Discuss online safety stories in the news</li> <li>• Take an interest in the apps, websites and social networking sites your daughter uses</li> <li>• Talk about different parts of your home network</li> <li>• Discuss the anti-virus software you use at home</li> <li>• Small Basic can be downloaded to your home computer and there are lots of tutorials to follow - <a href="http://smallbasic.com/">http://smallbasic.com/</a></li> <li>• Encourage your daughter to take photos and video on a camera or mobile phone and upload them to the computer to edit. iMovie is a great tool for creating short films, if you have an Apple device.</li> </ul>	<p>spyware digital footprint cybervetting hotspot hyperlink asset navigation bar router Ethernet cable switch server local area network (LAN) wide area network (WAN) data transfer packet IP address Internet Service Provider (ISP) cybercafé command field record formula function pseudocode online services online software online storage collaboration</p>
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<p><b>Art</b> Miss Grant</p>	<p><b>Inspirational Women</b></p> <ul style="list-style-type: none"> <li>• Women in the Western Canon of Art</li> <li>• Artemesia Gentileschi, Judith Leyster, Elisabeth Vigée-Lebrun, Mary Delany, Berthe Morisot, Suzanne Valadon, Georgia O’Keeffe, Frida Kahlo</li> <li>• Understanding context</li> <li>• Sketchbook presentation skills</li> <li>• Note-taking skills</li> <li>• Self-portraits</li> <li>• The proportions of the face</li> <li>• Monoprinting</li> <li>• Mixed media</li> <li>• Exploring identity through self-portraits</li> <li>• Planning and creating a meaningful self-portrait inspired by the work of an artist.</li> <li>• Articulating ideas</li> <li>• Justifying choices</li> </ul>	<ul style="list-style-type: none"> <li>• Encourage drawing or colouring for pleasure.</li> <li>• Copying drawings from artists is very good for developing observational skills regardless of the subject matter.</li> <li>• Promote good drawing practice by:             <ul style="list-style-type: none"> <li>○ Using a sharp pencil</li> <li>○ Including as much detail as possible</li> <li>○ Using shading</li> <li>○ Using contrast</li> </ul> </li> <li>• Your daughter might wish to keep a doodle book/scrap book of ideas and inspirations based on artist from history.</li> <li>• Read books and watch documentaries about Art history to give context to the work.</li> </ul>	<p>The Western Canon of Art</p> <p>Influence</p> <p>Art Movements</p> <p>Baroque</p> <p>The Dutch Golden Age</p> <p>Rococo</p> <p>impressionism</p> <p>post-Impressionism</p> <p>modernism</p> <p>surrealism</p> <p>context</p> <p>attitudes</p> <p>expectation</p> <p>convention</p> <p>interior</p> <p>self-portrait</p> <p>self-Expression</p> <p>layering</p> <p>combining</p> <p>theme</p> <p>message</p> <p>meaning</p>
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<p><b>Food Technology:</b>  <b>Catering</b>          Miss Humphrey</p>	<ul style="list-style-type: none"> <li>• Health and safety</li> <li>• Hazards</li> <li>• The 8 Healthy Eating Guidelines</li> <li>• Starchy foods - rice, Pasta, Bread, potatoes</li> <li>• Diet through life</li> <li>• Fats</li> <li>• Sugars</li> <li>• Fibre</li> <li>• Vitamins and minerals</li> <li>• Multi-cultural foods,</li> <li>• Methods of cooking</li> <li>• Life skills</li> <li>• Choosing recipes</li> <li>• Writing task lists</li> <li>• Shopping</li> <li>• Budgeting</li> <li>• Costing recipes</li> </ul> <p><b>Cooking</b> – savoury rice, Samosas, cheese cake, cheesy bread, stir fry, chili con carne, chicken chow mein, curry, paella</p>	<ul style="list-style-type: none"> <li>• Encourage students to cook at home – photo any practical cooking and bring it to school to show me</li> <li>• Students need to practice cooking a range of different dishes and skills</li> <li>• Explore and use new and different ingredients from shops</li> <li>• Encourage students to try new foods and tastes</li> <li>• Look at recipes in magazines and cookery programmes on television</li> </ul>	<p>hazards          risks          catering establishments          starchy foods          guidelines          saturated and unsaturated fats          digestions          obesity          nutrients          protein          carbohydrates          vitamins          minerals          fibre          fat          nutrients</p>
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**Humanities** this year Students will study one of the three areas of Humanities each term for 1 lesson a week. We will study Geography in the Spring term and RE in the Summer term.

<p><b>History</b> Mrs Sabey</p>	<p>Women and the Vote:</p> <ul style="list-style-type: none"> <li>• How were Victorian women supposed to behave – compare to Women today.</li> <li>• The pressure for change in Victorian times.</li> <li>• Victorian Women’s groups and protest.</li> <li>• Suffragettes and their protesting methods.</li> <li>• Women in the war.</li> <li>• After the vote – how has life changed for women?</li> </ul>	<p>Talking about democracy and the importance of the vote.</p> <ul style="list-style-type: none"> <li>• Talk about voting today – what it entails, work of MP. Find out who is your local MP.</li> <li>• <a href="http://www.bbc.co.uk/archive/suffragettes/">http://www.bbc.co.uk/archive/suffragettes/</a></li> <li>• <a href="http://www.bl.uk/learning/timeline/item105905.html">http://www.bl.uk/learning/timeline/item105905.html</a></li> <li>• Watch the news to see examples of people protesting today.</li> </ul>	<p>suffragette suffrage equality protest Monarch Government democracy militant passive petition propaganda</p>
<p><b>SOLD</b> Mrs Sabey</p>	<p>Surrey Outdoor Learning and Development is a part of the week when students will be working on areas linked to our WACI curriculum mainly at High Ashurst. They will particularly work on the wellbeing, communication and independence strands. The students will be involved in activities which will involve them working as a team, problem solving, communicating with each other as well as building resilience and adaptability. As well as this each of the students will be encouraged to challenge themselves personally. Students will learn the importance of planning, communication and compromise while working in a team and develop leadership skills throughout the programme. Parents can support by making sure students have the right clothing, water and extra equipment eg. waterproof coat and plastic bag to put in shoes in wet and winter weather and hat and sun lotion in the hot weather.</p>		