



# The Winchester School

## Year 8- Family Learning Newsletter –March- 2023

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p><b>TOPIC: Research skills</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>● To develop research skills.</li> <li>● To develop persuasive skills</li> <li>● To develop analytical and critical thinking skills</li> </ul>	<ul style="list-style-type: none"> <li>● Motivate your child to research on Gothic genre. They could further find an example of another text which is an example of gothic Literature and explain why this conforms to the Gothic genre.</li> <li>● Encourage your child to write their own short script.</li> <li>● Motivate your child to discuss on how the society is similar to the main themes in Frankenstein.</li> <li>● Challenge your child to persuade you to believe that the monster is not at fault.</li> </ul>	<ul style="list-style-type: none"> <li>● <a href="http://www.gradesaver.com/frankenstein/">http://www.gradesaver.com/frankenstein/</a></li> <li>● <a href="http://www.dagonbytes.com/thelibrary/index.html">http://www.dagonbytes.com/thelibrary/index.html</a></li> </ul>
MATHS	<p><b>TOPIC: Transformations and combining Transformations</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>● To be able to transform 2D shape by rotation, reflection and translation and simple combinations of these transformations.</li> </ul>	<ul style="list-style-type: none"> <li>● Motivate your child in regard with examples of symmetry in real life and the transformations of reflection and rotation and enlargement.</li> <li>● Demonstrating line symmetry with the help of real examples or photography clicked by the child indicating the line of symmetry and reflection of objects seen.</li> <li>● Encourage students to visualise the transformation in real life in terms of formations using Lego blocks.</li> </ul>	<ul style="list-style-type: none"> <li>● <a href="https://www.mathsisfun.com/geometry/transformations.html">https://www.mathsisfun.com/geometry/transformations.html</a></li> <li>● <a href="http://www.shodor.org/interactivate/lessons/TranslationsReflectionsRotations/">http://www.shodor.org/interactivate/lessons/TranslationsReflectionsRotations/</a></li> <li>● <a href="https://www.bbc.co.uk/bitesize/guides/zxwxfw/revision/4">https://www.bbc.co.uk/bitesize/guides/zxwxfw/revision/4</a></li> <li>● <a href="https://www.ixl.com/math/grade-8/solve-a-system-of-equations-using-elimination">https://www.ixl.com/math/grade-8/solve-a-system-of-equations-using-elimination</a></li> <li>● <a href="https://www.mathsisfun.com/algebra/systems-linear-equations.html">https://www.mathsisfun.com/algebra/systems-linear-equations.html</a></li> </ul>



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	<ul style="list-style-type: none"> <li>To be able to enlarge a 2D shape given a centre of enlargement and a positive integer scale factor</li> </ul> <p><b>Topic- Simultaneous Equations</b></p> <p><b>Learning Objectives-</b></p> <ul style="list-style-type: none"> <li>To be able to solve simultaneous equations by applying elimination method.</li> </ul>	<ul style="list-style-type: none"> <li>Encourage students to identify the situations in which we can apply simultaneous equations.</li> <li>Encourage students to create word problems on simultaneous equations.</li> <li>Encourage students to explore different methods of solving simultaneous equations</li> </ul>	
SCIENCE	<p><b>TOPIC –Density &amp; pressure</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>Use the particle model to explain differences in the densities of gases.</li> <li>Evaluate a method of measuring density.</li> <li>Describe what is meant by concentration and pressure. Use the particle model to explain differences in concentration and pressure.</li> <li>Explain how pressure can be applied on a solid surface and describe some effects of varying pressure.</li> </ul>	<p><b>Encourage your child to:</b></p> <ul style="list-style-type: none"> <li>Use three different balloons – one filled with helium, another with air and the third with carbon dioxide – to explore differences in the densities of these gases. Consider the chemical formula of the gases, in conjunction with the Periodic table. Students need to work out the molecular mass of each.</li> <li>Use a balloon to show that gases exert a pressure. Blow up a balloon and feel the balloon at different stages. They should establish that the more particles of air there are, the higher the pressure they exert.</li> </ul>	<ul style="list-style-type: none"> <li><a href="https://www.youtube.com/watch?v=AYq1VLOo-EE">https://www.youtube.com/watch?v=AYq1VLOo-EE</a></li> <li><a href="https://www.youtube.com/watch?v=cEnJlTnn_4U">https://www.youtube.com/watch?v=cEnJlTnn_4U</a></li> <li><a href="https://www.youtube.com/watch?v=D5QKH2jovjQ">https://www.youtube.com/watch?v=D5QKH2jovjQ</a></li> <li><a href="https://www.youtube.com/watch?v=D5QKH2jovjQ">https://www.youtube.com/watch?v=D5QKH2jovjQ</a></li> <li><a href="https://www.youtube.com/watch?v=Grzi-aq-caVE">https://www.youtube.com/watch?v=Grzi-aq-caVE</a></li> <li><a href="https://www.youtube.com/watch?v=r7ZfzJ-yP3U">https://www.youtube.com/watch?v=r7ZfzJ-yP3U</a></li> </ul>



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	<ul style="list-style-type: none"><li>Describe how pressure in a liquid alters with depth. Explain pressure increases in relation to particles and gravity.</li><li>Relate floating and sinking to density, displacement and upthrust.</li><li>Explore how the pressure in a gas varies with height above the Earth. Explain the implications of this changing pressure.</li><li>Give examples of how pressure affects our lives. Explain how pressure is used and managed</li></ul>	<ul style="list-style-type: none"><li>Design another such experiment to show the relation between particles of air and the pressure it exerts.</li><li>To make predictions about pressure – for example ‘Will an elephant do more or less damage to a wooden floor than a woman in stiletto heels?’. (An elephant weighs about 5000 kg and a woman about 50 kg. An elephant’s foot is about 40 cm in diameter, area about 1200 cm<sup>2</sup>; the area of a stiletto heel is less than 1 cm<sup>2</sup>. Students will justify the answer.</li><li>Explore the idea of atmospheric pressure further by inviting students to attempt to separate Magdeburg hemispheres before and after evacuation. Applications: The students to identify potential implications and uses of understanding atmospheric pressure (e.g. better weather predictions to anticipate natural disasters; better training for athletes; improved treatment of people with breathing difficulties).</li></ul>	
ARABIC (Arabs)	<p><b>TOPIC</b> –خطبة الرسول</p> <p><b>LEARNING OBJECTIVES-</b> يحدد الطالب الفكرة الرئيسية والأفكار الفرعية للنص يحدد خصائص البلاغة النبوية</p>	يبحث الطالب في خصائص البلاغة النبوية	<ul style="list-style-type: none"><li><a href="https://www.arrabita.ma/blog/%D8%A7%D9%84%D8%AE%D8%B5%D8%A7%D8%A6%D8%B5-%D8%A7%D9%84%D8%AC%D9%85%D8%A7%D9%84%D9%8A%D8%A9-">https://www.arrabita.ma/blog/%D8%A7%D9%84%D8%AE%D8%B5%D8%A7%D8%A6%D8%B5-%D8%A7%D9%84%D8%AC%D9%85%D8%A7%D9%84%D9%8A%D8%A9-</a></li></ul>



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	<p>يحلل النص تحليلًا أدبيًا يبحث في خصائص البلاغة النبوية أدمغتنا تحب القصص – <b>TOPIC</b></p> <p><b>LEARNING OBJECTIVES-</b> يحدد الطالب الفكرة الرئيسية والأفكار الفرعية يحلل المعلومات الصريحة والضمنية مدللًا على ذلك من النص يكتب موضوعًا عن أهمية قراءة القصص</p>	<p>يكتب الطالب موضوعًا عن أهمية قراءة القصص</p>	<p><a href="https://stories.madrasa.org/why/">%D9%81%D9%8A-%D8%A7%D9%84%D8%AD%D8%AF%D9%8A%D8%AB-%D8%A7%D9%84%D9%86%D8%A8%D9%88%D9%8A-%D8%A7%D9%84%D8%B4/</a></p> <ul style="list-style-type: none"><li>• <a href="https://stories.madrasa.org/why/">https://stories.madrasa.org/why/</a></li></ul>
ISLAMIC STUDIES (Arabs)	<p>أحكام العمرة / فتح مكة / حرمة ترويع الإنسان – <b>TOPIC</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ol style="list-style-type: none"><li>1. يبين مفهوم العمرة</li><li>2. يوضح كيفية أداء العمرة</li><li>3. يعدد شروط صلح الحديبية</li><li>4. يستنبط أهمية التوكل على الله في أحداث فتح مكة</li><li>5. يعلل النهي عن حرمة ترويع الإنسان</li><li>6. يستنبط حرمة النفس البشرية في الإسلام</li></ol>	<ol style="list-style-type: none"><li>1. يوضح أركان العمرة</li><li>2. يميز بين العمرة والحج</li><li>3. يعدد أهم بنود صلح الحديبية</li><li>4. يستنتج فوائد صلح الحديبية للمسلمين</li><li>5. يدلل على أن الدين الإسلامي دين التسامح والعفو</li><li>6. يبين جزاء ترويع المسلم في الدين الإسلامي</li></ol>	<ul style="list-style-type: none"><li>• <a href="https://www.youtube.com/watch?v=mJktpIaNBkU">https://www.youtube.com/watch?v=mJktpIaNBkU</a></li><li>• <a href="https://www.youtube.com/watch?v=NXoIdDIqC7o">https://www.youtube.com/watch?v=NXoIdDIqC7o</a></li><li>• <a href="https://www.youtube.com/watch?v=z5QjVEDWZg">https://www.youtube.com/watch?v=z5QjVEDWZg</a></li><li>• <a href="https://www.youtube.com/watch?v=B-7liqxxNuw">https://www.youtube.com/watch?v=B-7liqxxNuw</a></li></ul>
ARABIC (Non- Arabs)	<p>ذكريات الطفولة – <b>TOPIC</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <p>- يحلل النص أدبيًا و لغويًا.</p>	<p>- يسجل فيديو مع الأسرة عن ذكريات الطفولة في المدرسة و مع العائلة.</p> <p>- يصمم لوحة عن ذكرياته في الماضي.</p>	<ul style="list-style-type: none"><li>• <a href="https://www.youtube.com/watch?v=NkDuZ5NvCo8">https://www.youtube.com/watch?v=NkDuZ5NvCo8</a></li></ul>



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	<p>- يوظف الطالب الطبايق في سياقات مختلفة. - يتعرف الطالب الجملة الاسمية. - يصف ذكريات الطفولة موظفًا الأساليب الأدبية. - يصمم خريطة ذهنية عن ذكريات الطفولة. - يقارن بين الحياة في الطفولة و الآن. - يبدي رأيه في ذكريات الطفولة. - ينشئ موضوعًا عن ذكريات الطفولة موظفًا الصور الجمالية.</p>		<ul style="list-style-type: none"><li>• <a href="https://www.youtube.com/watch?v=n-E8X14-isg">https://www.youtube.com/watch?v=n-E8X14-isg</a></li></ul>
ISLAMIC STUDIES (Non- Arabs)	<p><b>TOPIC –</b></p> <ol style="list-style-type: none"><li>1. I AM BEST AMONG YOU TO MY FAMILY</li><li>2. MY HEALTH IS MY RESPONSIBILITY</li></ol> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>• To elucidate a balanced family system in Islam.</li><li>• To analyze individual's responsibility towards family.</li><li>• To comprehend the importance of being healthy in multiple areas in our lives.</li><li>• To elucidate the consequences of not being healthy on an individual and society.</li></ul>	<ul style="list-style-type: none"><li>• Encourage your child to Watch the video and write down your opinion that are the steps we need to take in order to develop a healthy relationship with our family.</li><li>• Motivate your child to Create a video on the arrangements the UAE government is making to benefits its residence</li></ul>	<ul style="list-style-type: none"><li>• <a href="https://www.youtube.com/watch?v=Cn-pCdBU3S3s&amp;t=252s&amp;ab_channel=QuranWeekly">https://www.youtube.com/watch?v=Cn-pCdBU3S3s&amp;t=252s&amp;ab_channel=QuranWeekly</a></li><li>• <a href="https://www.youtube.com/watch?v=YU87qBdkMVU&amp;t=326s&amp;ab_channel=QuranWeekly">https://www.youtube.com/watch?v=YU87qBdkMVU&amp;t=326s&amp;ab_channel=QuranWeekly</a></li></ul>



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PSHCEE	<p><b>TOPIC – Mental Health</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>● To discuss and explain the importance of mental health and emotional well-being</li> <li>● To discuss the factors that affect our mental health and emotional well-being</li> </ul>	<p>Encourage your child to Discuss the importance of maintaining good mental health.</p> <p>Motivate to Have a family time discussing some issues that your child may be facing at school or at home which may affect their mental health</p>	<ul style="list-style-type: none"> <li>● <a href="https://www.youtube.com/watch?v=_gJ5V525SCk">https://www.youtube.com/watch?v=_gJ5V525SCk</a></li> </ul>
MORAL EDUCATION	<p><b>TOPIC – Human Needs</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>● To introduce the concepts of human needs and wants and their relationship to human dignity.</li> <li>● To address how unmet basic needs can lead to dysfunctional behaviour and hence conflicts.</li> </ul>	<ul style="list-style-type: none"> <li>● Motivate your child to discuss the difference between want and needs</li> <li>● Encourage your child to help other people in needs.</li> <li>● Motivate your child to discuss how unmet needs can start a conflict.</li> </ul>	<ul style="list-style-type: none"> <li>● <a href="https://www.youtube.com/watch?v=J8P3sCooGg0">https://www.youtube.com/watch?v=J8P3sCooGg0</a></li> </ul>
HISTORY	<p><b>TOPIC –DEVELOPMENT OF DEMOCRACY IN BRITAIN: WOMEN SUFFRAGE</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>● To analyze the voting rights of women in Britain through acts of Parliament in 1918 and 1928.</li> </ul>	<ul style="list-style-type: none"> <li>● Motivate your child to create a comparative evaluation of the political system of 18th – 19th century Britain with present political system in Britain.</li> </ul>	<ul style="list-style-type: none"> <li>● <a href="#">Yr 8 History Workbook</a></li> </ul>



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GEOGRAPHY	<b>TOPIC –Coast and Coastal Landforms</b> <b>LEARNING OBJECTIVES-</b> <ul style="list-style-type: none"><li>To analyse how erosion and deposition creates landforms in coastal areas.</li></ul>	<ul style="list-style-type: none"><li>Motivate and research along with your child how does wave deposition and erosion create landforms on coastal areas.</li></ul>	<ul style="list-style-type: none"><li><a href="https://www.youtube.com/watch?v=TYQ--nTcNU8">https://www.youtube.com/watch?v=TYQ--nTcNU8</a></li><li><a href="https://www.youtube.com/watch?v=3RauOeHkQk4">https://www.youtube.com/watch?v=3RauOeHkQk4</a></li><li><a href="https://www.youtube.com/watch?v=roMMDQ89gcs">https://www.youtube.com/watch?v=roMMDQ89gcs</a></li><li><a href="https://www.youtube.com/watch?v=4rqrRPVrWJ0">https://www.youtube.com/watch?v=4rqrRPVrWJ0</a></li></ul>
UAE SOCIAL STUDIES	<b>TOPIC – British in India</b> <b>LEARNING OBJECTIVES-</b> <ul style="list-style-type: none"><li>To analyse the role of British empire in India up to 1947</li></ul>	<ul style="list-style-type: none"><li>Motivate you child to Read along on the reasons for the colonisation of India by the British and its consequences.</li><li>Encourage your child to Research on the partition of India in 1947 and List the leaders who took up the leadership of India, Pakistan and Sri Lanka and their contributions to the progress of the newly independent countries.</li></ul>	<ul style="list-style-type: none"><li><a href="#">Yr 8 Ministry of Education Text Book Social Studies:</a></li></ul>
FRENCH	<b>TOPIC – C’était vraiment sympa</b> <b>LEARNING OBJECTIVES-</b> <ul style="list-style-type: none"><li>To give information about past holidays</li><li>To give opinions about holidays</li><li>To use the past perfect forms conjugated with ETRE and AVOIR</li><li>To compare the past perfect tense with the imperfect tense</li></ul>	<ul style="list-style-type: none"><li>Encourage your child to design a postcard (for example a postcard from Dubai) When do we usually write postcards? What information do we include in writing a postcard for holidays?</li></ul>	<ul style="list-style-type: none"><li><a href="https://www.youtube.com/watch?v=jnSHv47ISqw&amp;t=36s">https://www.youtube.com/watch?v=jnSHv47ISqw&amp;t=36s</a></li><li><a href="https://www.youtube.com/watch?v=gBZ5Y9SJrKg">https://www.youtube.com/watch?v=gBZ5Y9SJrKg</a></li><li><a href="https://www.youtube.com/watch?v=7Gs4gn2BgE">https://www.youtube.com/watch?v=7Gs4gn2BgE</a></li></ul>



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ICT	<p><b>TOPIC – Digital media and your brain</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>● Explore ways that different digital media are, and aren't, designed to help them make good media choices.</li><li>● Think about how to develop good, healthy habits when using digital media.</li></ul>	<ul style="list-style-type: none"><li>● Encourage the child to build digital citizenship skills and healthy media choices and to reflect on it while using the digital media.</li></ul>	<ul style="list-style-type: none"><li>● <a href="#">Teen Voices: The Pressure to Stay Connected   Common Sense Education</a></li></ul>
STEAM	<p><b>TOPIC –Night Safety- Micro: bit</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>● To design, create and test a prototype of a flashing wheel light to help improve road safety at night for wheelchair users.</li></ul>	<ul style="list-style-type: none"><li>● <b>Motivate your child to Develop understanding</b> of issues around road safety for wheelchair users, especially at night.</li><li>● <b>Encourage your ward to Design and create a prototype</b> of a flashing wheel light using micro: bit to help wheelchair users 'Be Safe: Be Seen!' at night.</li><li>● <b>Motivate your child to Test, debug, evaluate and present</b> a Flashing wheel light prototype.</li></ul>	<ul style="list-style-type: none"><li>● <a href="https://microbit.org/lessons/night-sensor/">https://microbit.org/lessons/night-sensor/</a></li></ul>