



# The Winchester School

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

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p><b>TOPIC: News Report</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>To examine news report elements.</li></ul>	<ul style="list-style-type: none"><li>Encourage your child to choose a section of the paper you are finished reading and one you think your child will be particularly interested in such as sports or local events. Clip an interesting news story and cut the paragraphs apart. Hand the article to your child in pieces and ask him to read the paragraphs and put the article back together in the proper order. Read the article together and talk about the news story.</li><li>Motivate your child to create a word game by cutting out the large headlines from the newspaper. Cut the individual letters of the headlines. Then challenge your child to make new words or even a new headline from the letters. Provide paper and glue and allow your child to record her word creations.</li></ul>	<ul style="list-style-type: none"><li><a href="https://www.youtube.com/watch?v=8_NmVtnEEA8">https://www.youtube.com/watch?v=8_NmVtnEEA8</a></li></ul>
MATHS	<p><b>TOPIC: Statistics-Pie chart and Stem and leaf diagram.</b></p> <p><b>LEARNING OBJECTIVES-</b></p>	<ul style="list-style-type: none"><li>Encourage your child to use his/her own understanding of bar graph, frequency table and line graph. Also, to use statistics and pie chart in the context of sports and finance.</li><li>Along with your child investigate and explore on pie chart for better understanding and business</li></ul>	<ul style="list-style-type: none"><li><a href="https://mmerevise.co.uk/gcse-maths-revision/pie-charts-revision/">https://mmerevise.co.uk/gcse-maths-revision/pie-charts-revision/</a></li><li><a href="http://mrbartonmaths.com/topics/representing-data/pie-charts/">http://mrbartonmaths.com/topics/representing-data/pie-charts/</a></li></ul>



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	<ul style="list-style-type: none"><li>Analyse the pie chart to convert given angle in quantity and quantity into angle.</li><li>Apply the knowledge in solving problems on stem and leaf diagram and relate frequency table and stem and leaf diagram.</li></ul> <p><b>TOPIC – Probability</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>Understanding concept of probability and terms related to it.</li><li>Apply formula of probability to solve problems and make sample space of an event.</li></ul>	<p>(Revenue): money (financial Analysis), Profits by companies selling different products.</p> <ul style="list-style-type: none"><li>Geography: Encourage to ponder on “Should People Be Allowed to Destroy the Rain Forest (Area, % loss) representation in pie chart.</li><li>Science: Analyse the components in soap, petrol etc.</li><li>Encourage your child to collect examples from newspapers, magazines or from daily life related to spending, saving, profit, loss, comparison of players and scores by pie charts and practice to get a better understanding of the concept.</li><li>Assist-More advanced problem solving may include pie chart and how it is applied in real life to discounts and profits and to compare matches and scores. Apply the formula of probability and solve problems.</li><li>Encourage your child to Create sample space for an event/ 2 events at same time.</li></ul>	<ul style="list-style-type: none"><li><a href="https://www.transum.org/Software/SW/Starter_of_the_day/Similar.asp?ID_Topic=44">https://www.transum.org/Software/SW/Starter_of_the_day/Similar.asp?ID_Topic=44</a></li><li><a href="https://www.transum.org/Software/SW/Starter_of_the_day/Similar.asp?ID_Topic=30">https://www.transum.org/Software/SW/Starter_of_the_day/Similar.asp?ID_Topic=30</a></li><li><a href="https://www.mathsisfun.com/data/stem-leaf-plots.html">https://www.mathsisfun.com/data/stem-leaf-plots.html</a></li></ul> <p><b>Link for TIMMS practice:</b></p> <ul style="list-style-type: none"><li><a href="http://www.edinformatics.com/timss/pop2/mpop2.htm?submit324=Grade+7%2C8++Math+Test">http://www.edinformatics.com/timss/pop2/mpop2.htm?submit324=Grade+7%2C8++Math+Test</a></li></ul> <p><b>For PISA test practice: Start from level</b></p> <p><a href="http://www.oecd.org/pisa/test/form/">http://www.oecd.org/pisa/test/form/</a></p>
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SCIENCE	<p><b>TOPIC – Acids and Alkali</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>• Describe the applications of acids.</li><li>• Evaluate the hazards that acids pose to an individual and their surroundings.</li><li>• Identify and describe the real-life applications of alkalis.</li><li>• Evaluate the hazards posed by a number of alkalis and list some of the safety measures.</li><li>• Exemplify an indicator and describe why indicators are useful.</li><li>• Explain the use of indicator in analysing the data generated in an experiment.</li><li>• Compare and contrast the effectiveness of a universal indicator over different indicators.</li><li>• Interpret measurements of pH made using universal indicator.</li><li>• Predict the reactants and salts made in different neutralisation reactions.</li><li>• Describe indigestion remedies and the way that they work.</li></ul>	<p><b>Motivate your child to:</b></p> <ul style="list-style-type: none"><li>• Create an interactive page on some real-life examples of acids and alkalis</li><li>• Prepare a newsletter on the hazards of acids to the surroundings.</li><li>• Write a report on the accidents caused by the use of acids and alkalis and suggest the preventive measures.</li><li>• Create a poster on the uses of different indicators.</li><li>• Plan an experiment to explain a chemical change using an indicator.</li><li>• Prepare a pH scale and determine the pH of various substances and present it in a form of report.</li><li>• Use a virtual laboratory to understand the process of neutralisation.</li><li>• Create an interactive page on the applications of neutralisation process.</li></ul>	<ul style="list-style-type: none"><li>• <a href="http://www.scienceclarified.com/everyday/Real-Life-Chemistry-Vol-2/Acids-and-Bases-Real-life-applications.html">http://www.scienceclarified.com/everyday/Real-Life-Chemistry-Vol-2/Acids-and-Bases-Real-life-applications.html</a></li><li>• <a href="http://acids-vs-bases.weebly.com/examples-in-everyday-life.html">http://acids-vs-bases.weebly.com/examples-in-everyday-life.html</a></li><li>• <a href="https://www.ukessays.com/essay/s/chemistry/applications-acid-bases-8709.php">https://www.ukessays.com/essay/s/chemistry/applications-acid-bases-8709.php</a></li><li>• <a href="https://www.acs.org/content/dam/acsorg/about/governance/committees/chemicalsafety/publications/identifying-and-evaluating-hazards-in-research-laboratories.pdf">https://www.acs.org/content/dam/acsorg/about/governance/committees/chemicalsafety/publications/identifying-and-evaluating-hazards-in-research-laboratories.pdf</a></li><li>• <a href="http://www.middle-school-chemistry.com/lessonplans/chapter6/lesson8">http://www.middle-school-chemistry.com/lessonplans/chapter6/lesson8</a></li><li>• <a href="https://www.education.com/science-fair/article/chemical-indicators/">https://www.education.com/science-fair/article/chemical-indicators/</a></li></ul>
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ARABIC (Arabs)	<p><b>TOPIC</b> – إرادة وثبات</p> <p><b>LEARNING OBJECTIVES-</b> يحلل الطالب النص تحليلاً أدبيًا يفسر النص تفسراً إجمالياً يكتب موضوعاً عن الإرادة تصنع المعجزات</p> <p><b>TOPIC</b> – الأسماء الخمسة</p> <p><b>LEARNING OBJECTIVES-</b> يحدد الطالب علامة إعراب الأسماء الخمسة يطبق الإعراب تطبيقاً صحيحاً</p>	<p>يكتب الطالب موضوعاً إقناعياً بعنوان الإرادة تصنع المعجزات</p> <p>يكتب فقرة تتضمن الأسماء الخمسة بحالاتها الإعرابية المختلفة</p>	<ul style="list-style-type: none"><li><a href="https://www.youtube.com/watch?v=u8F8SSOFU70">https://www.youtube.com/watch?v=u8F8SSOFU70</a></li><li><a href="https://www.google.com/search?q=%D8%A7%D9%84%D8%A3%D8%B3%D9%85%D8%A7%D8%A1+%D8%A7%D9%84%D8%AE%D9%85%D8%B3%D8%A9&amp;rlz=1C1GCEU_en-GBAE957AE957&amp;sxsr=ALiCzsZaS36TbTs2n1gTGeKtMtEipfszOg:1672890557192&amp;source=lnms&amp;tbm=vid&amp;sa=X&amp;ved=2ahUKEwid8aL7wq_8AhVTVgQEHXrcBpYQ_AUoAnoECAEQBA&amp;biw=1280&amp;bi">https://www.google.com/search?q=%D8%A7%D9%84%D8%A3%D8%B3%D9%85%D8%A7%D8%A1+%D8%A7%D9%84%D8%AE%D9%85%D8%B3%D8%A9&amp;rlz=1C1GCEU_en-GBAE957AE957&amp;sxsr=ALiCzsZaS36TbTs2n1gTGeKtMtEipfszOg:1672890557192&amp;source=lnms&amp;tbm=vid&amp;sa=X&amp;ved=2ahUKEwid8aL7wq_8AhVTVgQEHXrcBpYQ_AUoAnoECAEQBA&amp;biw=1280&amp;bi</a></li></ul>



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			<a href="https://www.youtube.com/watch?v=NXoldDlqC7o">h=609&amp;dpr=1.5#fpstate=ive&amp;vld=cid:0fabe1f1,vid:EKbFFHYQYi8</a>
ISLAMIC STUDIES (Arabs)	<p><b>TOPIC</b> – آداب السفر / فتح مكة –</p> <p><b>LEARNING OBJECTIVES-</b></p> <ol style="list-style-type: none"><li>1. يبين القيمة الدينية لفتح مكة</li><li>2. يعدد شروط صلح الحديبية</li><li>3. يوضح فوائد السفر في الإسلام</li><li>4. يبين آداب السفر</li></ol>	<ol style="list-style-type: none"><li>1. يستنبط أهمية التوكل على الله</li><li>2. يستنتج العلاقة بين التسامح والرقى الحضاري للمجتمعات</li><li>3. يستنبط ثمرات التأدب بآداب السفر</li><li>4. حفظ الأدعية المأثورة في السفر</li></ol>	<ul style="list-style-type: none"><li>• <a href="https://www.youtube.com/watch?v=NXoldDlqC7o">https://www.youtube.com/watch?v=NXoldDlqC7o</a></li><li>• <a href="https://www.youtube.com/watch?v=WX_74k3rqJw">https://www.youtube.com/watch?v=WX_74k3rqJw</a></li></ul>
ARABIC (Non- Arabs)	<p><b>TOPIC</b> - ذكريات الطفولة -</p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>- يصف الطالب ذكريات الطفولة.</li><li>- يحلل الطالب النص تحليلًا أدبيًا و لغويًا.</li><li>- ينشئ الطالب رسالة لصديق الطفولة.</li><li>- يبدي رأيه في الحياة في الطفولة أم الآن.</li><li>- يوظف الطالب الجنس في سياقات مختلفة.</li><li>- يفرق الطالب بين الجملة الاسمية و الفعلية.</li></ul>	<p>تسجيل فيديو مع صديق الطفولة. كتابة رسالة لصديقه.</p>	<p><a href="https://www.youtube.com/watch?v=WX_74k3rqJw">Year 8 Non Arab - - أسرتي - - YouTube</a></p> <p><a href="https://www.youtube.com/watch?v=WX_74k3rqJw">Y 8- Arabic Non - الأساليب - YouTube Arab - YouTube</a></p> <p><a href="https://www.youtube.com/watch?v=WX_74k3rqJw">Y8 - Arabic Non - أنواع الكلام - YouTube Arab - YouTube</a></p>



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<p>ISLAMIC STUDIES (Non- Arabs)</p>	<p><b>TOPIC –1. I AM THE BEST OF YOU TO MY FAMILY</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>To comprehend the importance of a balanced family.</li> <li>To evaluate the consequences of imbalanced family system (by referencing Quran, Seerah, Ahadeeth and day-to-day lives)</li> </ul> <p><b>TOPIC: THE BATTLE OF HUNAYN</b></p> <p><b>LEARNING OBJECTIVES:</b></p> <ul style="list-style-type: none"> <li>To define the role of tawakul during the challenging time</li> <li>To evaluate the benefits of confronting challenges</li> </ul>	<ul style="list-style-type: none"> <li>Encourage your child to write down an essay on the importance a good relationship between a husband and a wife in order to keep a strong family system. (Strengthen your essay by giving examples from prophet 's (p.b.u.h) life).</li> <li>Along with your child contemplate the role of tawakul in winning a challenge or a battle. Give reference of an ayah that shows how did Allah help Muslims during different battles. Record your contemplations.</li> </ul>	<ul style="list-style-type: none"> <li><a href="https://www.youtube.com/watch?v=YU87qBdkMVU&amp;t=322s&amp;ab_channel=QuranWeekly">https://www.youtube.com/watch?v=YU87qBdkMVU&amp;t=322s&amp;ab_channel=QuranWeekly</a></li> <li><a href="https://www.youtube.com/watch?v=PmJrDmtZw78&amp;ab_channel=Heroes%26Histories">https://www.youtube.com/watch?v=PmJrDmtZw78&amp;ab_channel=Heroes%26Histories</a></li> </ul>
<p>PSHCEE</p>	<p><b>TOPIC – The Environment</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>To explore the different environmental issues.</li> </ul>	<ul style="list-style-type: none"> <li>Discuss with your child about the environmental issues Global warming, deforestation. etc·</li> </ul>	<ul style="list-style-type: none"> <li><a href="https://www.youtube.com/watch?v=Oa7ntoCf8yU">https://www.youtube.com/watch?v=Oa7ntoCf8yU</a></li> </ul>



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MORAL EDUCATION	<p><b>TOPIC – Understanding Globalisation</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>To explore the different concepts of globalisation.</li> <li>To explore how the UAE connects to the rest of the world in terms of trade and communication</li> </ul>	<ul style="list-style-type: none"> <li>Discuss with your child the importance of globalisation.</li> <li>Encourage your child to read more about how globalisation affects the economy of the country.</li> </ul>	<ul style="list-style-type: none"> <li><a href="https://www.youtube.com/watch?v=JJ0nFD19eT8&amp;t=101s">https://www.youtube.com/watch?v=JJ0nFD19eT8&amp;t=101s</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 women's voting rights in the 18th centuries to the present times in Britain.</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">yr 8 History Work book</a></li> </ul>
GEOGRAPHY	<p><b>TOPIC – COASTS: Waves &amp; Tides</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>To examine the causes of waves and tides.</li> </ul>	<ul style="list-style-type: none"> <li>Encourage your child create a model to illustrate the formation of waves.</li> </ul>	<ul style="list-style-type: none"> <li><a href="https://www.youtube.com/watch?v=DZppidczUpM">https://www.youtube.com/watch?v=DZppidczUpM</a></li> <li><a href="https://oceanservice.noaa.gov/facts/wavesinocean.html">https://oceanservice.noaa.gov/facts/wavesinocean.html</a></li> <li><a href="https://www.youtube.com/watch?v=3RdkXs8BibE">https://www.youtube.com/watch?v=3RdkXs8BibE</a></li> <li><a href="https://www.youtube.com/watch?v=qogWcsW1eMg">https://www.youtube.com/watch?v=qogWcsW1eMg</a></li> </ul>



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<p>UAE SOCIAL STUDIES</p>	<p><b>TOPIC – Origins of Science in South Asia</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>To analyse the influence of Indian Mathematics and Science in the Pre-modern period</li> </ul>	<ul style="list-style-type: none"> <li>Motivate your child analyse the architecture of the Mughal period and how were they signs of public health and cleanliness and list the advancements in science and math that came from early India.</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">UAE SST MOE Text Book Yr 8</a></li> </ul>
<p>FRENCH</p>	<p><b>TOPIC - Vacances De Rêve</b></p> <p><b>LEARNING OBJECTIVES:</b></p> <ul style="list-style-type: none"> <li>To name means of transports</li> <li>To give opinions about transportation</li> <li>To discuss past holidays</li> <li>To use the past perfect forms conjugated with verb Etre</li> </ul>	<ul style="list-style-type: none"> <li>Encourage your child to go through your photo albums and take the opportunity to spend some time together remembering the past holidays spent together.               <ul style="list-style-type: none"> <li>➤ What were the best moments and what would you change?</li> <li>➤ Have you already thought about the destination of your next holiday?</li> </ul> </li> <li>Motivate your child to discuss the means of transport used in ancient and modern times</li> </ul>	<ul style="list-style-type: none"> <li><a href="https://www.youtube.com/watch?v=NIEi-r7bdR0">https://www.youtube.com/watch?v=NIEi-r7bdR0</a></li> <li><a href="https://www.youtube.com/watch?v=jnSHv47ISqw">https://www.youtube.com/watch?v=jnSHv47ISqw</a></li> <li><a href="https://quizlet.com/760739429/flash-cards/?new">https://quizlet.com/760739429/flash-cards/?new</a></li> </ul>
<p>ICT</p>	<p><b>TOPIC –Graphics creation</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>To analyze how to navigate vector graphics editor</li> <li>To examine the tools and features of vector graphics editor</li> </ul>	<p><b>Encourage your child to</b></p> <ul style="list-style-type: none"> <li>Research about the different ways of vector graphics software used in education.</li> <li>Explain the functions of vector graphics software.</li> <li>Using Adobe Illustrator editor set up a document/ Placing in a drawing and Sketch.</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Interface Introduction to Adobe Illustrator Ep1/19 [Adobe Illustrator for Beginners] - YouTube</a></li> </ul>





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STEAM	<p><b>TOPIC –SPACE AND ROCKET</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>• To evaluate how a star is formed and understand that the brightness of a star is due to its relative distance from Earth.</li></ul>	<p><b>Support your child to</b></p> <ul style="list-style-type: none"><li>• Research and discuss the position of stars in the Milky Way.</li><li>• Explain about the milky way galaxies and gravitational force in the space.</li><li>• <b>Create</b> a 3D model for the solar system to simulate the sound of a rocket launch.</li><li>• <b>Create</b> a 3D model system to represent the relationship between the brightness of stars and their distance from Earth.</li></ul>	<ul style="list-style-type: none"><li>• <a href="https://solarsystem.nasa.gov/resources/2393/earth-3d-model/">https://solarsystem.nasa.gov/resources/2393/earth-3d-model/</a></li></ul>
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