



# The Winchester School

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

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SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<b>Topic: Grammar</b> <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>❖ To explore grammar and SPaG techniques.</li></ul>	<b>Activity:</b> <ul style="list-style-type: none"><li>❖ Help your child to make flash cards or a word wall for new vocabulary learnt and encourage the use of new words in daily routine conversation.</li><li>❖ Encourage your child to do online exercises on grammar in order to improve their writing skills.</li><li>❖ Spend time with your child playing word building games such as scrabble or solving word puzzles.</li><li>❖ Have a discussion with your child on the advantages and disadvantages of attending a summer camp. Then encourage him/her to make a wish list of what they would like to experience in summer camp.</li></ul>	<a href="https://www.ereadingworksheets.com/languageartsworksheets/free-grammar-worksheets">https://www.ereadingworksheets.com/languageartsworksheets/free-grammar-worksheets</a>
MATHS	<b>Topic – Ratio and proportion</b> <b>Learning Objective:</b> <ul style="list-style-type: none"><li>❖ Ratio to its Simplest form: To be able to recognise, use ratio notation and understand that a multiplicative relationship between</li></ul>	<b>Activities</b> <ul style="list-style-type: none"><li>❖ <b>Talk</b> to your child regarding the importance of ratio and proportion by giving them examples of No. of family members in the house. Ratio of men to the ratio of women or ratio of kids to the total members in the family.</li></ul>	<a href="https://www.mathworksheets4kids.com/ratio.php">https://www.mathworksheets4kids.com/ratio.php</a>  <a href="https://www.mathworksheetsland.com/topics/ratios.html">https://www.mathworksheetsland.com/topics/ratios.html</a>



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	<p>two quantities can be expressed as a ratio or a fraction and reduce the given ratio to its simplest form.</p> <ul style="list-style-type: none"> <li>➤ Divide a quantity to be able to divide a given quantity into two parts in a given part or whole ratio</li> <li>➤ Direct proportion to be able to solve problems involving direct proportion.</li> </ul>	<ul style="list-style-type: none"> <li>❖ <b>Encourage</b> your child to use mathematical reasoning to make connection of recipe of making cake with mathematics.</li> <li>❖ <b>Challenge</b> you child: The answer is '£350 and £450'. What is the question?</li> <li>❖ <b>Discuss</b> real life examples of Ratio and proportion- including Direct and Inverse proportion</li> <li>❖ Encourage them to Say a recipe to make brownie which requires 4 cups of flour for 6 persons, you may want to know how much flour to put for 24 persons.</li> <li>❖ <b>Research on cross curricular links:</b></li> <li>❖ Relationships such as the "<b>golden ratio</b>" are also extremely important in biology.</li> <li>❖ Research on Pi (3.14) were the ratio is used to find the Circumference of any circular objects.</li> </ul>	<p><b>Real life application</b>  <a href="http://www.mathsisfun.com/ratio2.html">http://www.mathsisfun.com/ratio2.html</a></p>
SCIENCE	<p><b>Topic: Physical changes</b>  <b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>❖ Interpret and analyse heating and cooling curves.</li> <li>❖ Explain latent heat and analyse the impact of impurities on melting and</li> </ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"> <li>❖ To interpret the heating and cooling curves in their daily life.</li> <li>❖ To apply the concepts of latent heat in real life and analyse the effect of impurities on the curves.</li> <li>❖ To apply the Brownian motion in daily life.</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="http://www.kentchemistry.com/links/Matter/HeatingCurve.htm">http://www.kentchemistry.com/links/Matter/HeatingCurve.htm</a></li> <li>• <a href="https://chemistry.stackexchange.com/questions/61883/effect-of-impurities-on-melting-point">https://chemistry.stackexchange.com/questions/61883/effect-of-impurities-on-melting-point</a></li> </ul>



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	<p>boiling points through data to conclude if a substance is pure or impure.</p> <ul style="list-style-type: none"><li>❖ Explain Brownian motion in gases and its significance.</li><li>❖ Compare and contrast how solids, liquids and gases behave during thermal expansion.</li><li>❖ <b>Interaction of organisms in the environment</b></li><li>❖ Evaluate the risks of monoculture on world food security.</li><li>❖ Explain the process of bioaccumulation</li><li>❖ Analyze and evaluate the factors affecting endangered species and recommend solutions</li></ul>	<ul style="list-style-type: none"><li>❖ Create a fact sheet on the applications of thermal expansion.</li><li>❖ Create an interactive page on the effect of thermal expansion on solids, liquids and gases.</li><li>❖ Create a news report on the risk of monoculture on the world food security and bioaccumulation on the environment.</li></ul>	<ul style="list-style-type: none"><li>• <a href="http://www.scienceclarified.com/everyday/Real-Life-Chemistry-Vol-4/Thermal-Expansion.html">http://www.scienceclarified.com/everyday/Real-Life-Chemistry-Vol-4/Thermal-Expansion.html</a></li><li>• <a href="https://ourworld.unu.edu/en/growing-corporate-hold-on-farmland-risky-for-world-food-security">https://ourworld.unu.edu/en/growing-corporate-hold-on-farmland-risky-for-world-food-security</a></li><li>• <a href="https://www.bbc.co.uk/bitesize/topics/zhssgk7/articles/z7x6xbk">https://www.bbc.co.uk/bitesize/topics/zhssgk7/articles/z7x6xbk</a></li><li>• <a href="https://www.challenge.org/knowledgeitems/the-dangers-of-monoculture-farming/#:~:text=Monoculture%20farming%2C%20however%2C%20has%20some,soil%20fertility%20and%20environmental%20pollution">https://www.challenge.org/knowledgeitems/the-dangers-of-monoculture-farming/#:~:text=Monoculture%20farming%2C%20however%2C%20has%20some,soil%20fertility%20and%20environmental%20pollution</a></li><li>• <a href="https://www.endangered.org/10-easy-things-you-can-do-to-save-endangered-species/">https://www.endangered.org/10-easy-things-you-can-do-to-save-endangered-species/</a></li></ul>
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ARABIC (Arabs)	<b>Topic:</b> المفاعيل الخمسة <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>❖ أن يميز بين المفاعيل الخمسة</li><li>❖ أن يعين المفاعيل الخمسة في النصوص المختلفة</li></ul>	التمييز بين المفاعيل الخمسة كتابة فقرات تشتمل على المفاعيل الخمسة رسم خريطة ذهنية للمفاعيل الخمسة	<a href="https://www.youtube.com/watch?v=n8xLpJlmnLg">https://www.youtube.com/watch?v=n8xLpJlmnLg</a>  <a href="https://www.youtube.com/watch?v=23AunRTDvIE">https://www.youtube.com/watch?v=23AunRTDvIE</a>
ISLAMIC STUDIES (Arabs)	<b>Topic:</b> قصة مؤمن آل يس <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>➤ أن يشرح الطالب قصة مؤمن آل يس</li><li>➤ أن يوضح الطالب أهمية الدعوة إلى الله تعالى</li></ul> <b>Topic:</b> فتح مكة <b>Learning Objectives:</b> <ol style="list-style-type: none"><li>1- أن يحدد الطالب أسباب فتح مكة</li><li>2- أن يشرح الطالب خطوات فتح مكة</li></ol>	<b>Activities:</b> <ul style="list-style-type: none"><li>➤ البحث عن تفسير الآيات من 12- 20 من سورة يس</li><li>➤ كتابة معاني المفردات القرآنية</li><li>➤ تلخيص قصة مؤمن آل يس</li></ul> البحث في السيرة النبوية عن فتح مكة وأسبابه	<a href="https://www.youtube.com/watch?v=i8kgmj3Re68">https://www.youtube.com/watch?v=i8kgmj3Re68</a>



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			<a href="https://www.youtube.com/watch?v=Si2hbYCP5Vk">https://www.youtube.com/watch?v=Si2hbYCP5Vk</a>
ARABIC (Non- Arabs)	<p><b>Topic:</b> وقت مع الأسرة</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>❖ To describe how I spend time with my family.</li><li>❖ To describe the qualities of my family members using the adjectives.</li><li>❖ To create a dialogue about my family</li><li>❖ To analyse the text.</li><li>❖ To use figurative language and literacy styles.</li></ul>	<p><b>Activities:</b> Encourage your child to</p> <ul style="list-style-type: none"><li>❖ Make sentences about my family using the new vocabular</li><li>❖ Participate with my friends to make a mind map of my family</li><li>❖ Create a dialogue about their family</li><li>❖ Make a paragraph about my family.</li><li>❖ Write a message to the family members</li></ul>	<p><a href="https://www.youtube.com/watch?v=hsApGQ57adI">https://www.youtube.com/watch?v=hsApGQ57adI</a></p> <p><a href="https://www.youtube.com/watch?v=4MlhM0RYVo">https://www.youtube.com/watch?v=4MlhM0RYVo</a></p> <p><a href="https://www.youtube.com/watch?v=ir1n9rqYp3U">https://www.youtube.com/watch?v=ir1n9rqYp3U</a></p> <p><a href="https://www.youtube.com/watch?v=CcSHmOYVR18">https://www.youtube.com/watch?v=CcSHmOYVR18</a></p>
ISLAMIC STUDIES (Non- Arabs)	<ul style="list-style-type: none"><li>❖ <b>Topic: GIFT OF SECURITY</b></li><li>❖ <b>Learning Objectives:</b></li></ul>	<p><b>Activities:</b></p>	



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	<ul style="list-style-type: none"><li>❖ To comprehend the importance &amp; significance of security</li><li>❖ To explicate the benefits of security for an individual &amp; society</li></ul>	<ul style="list-style-type: none"><li>❖ Write down an essay on the importance of living in a peaceful society encourage us to contribute positively in the progress of our society.</li><li>❖ Suggest some ways to develop peace and security in our society. Strengthen your answer with a Hadeeth.</li></ul>	<a href="https://www.youtube.com/watch?v=mvDB2TE0A98&amp;t=7s">https://www.youtube.com/watch?v=mvDB2TE0A98&amp;t=7s</a>
PSHCEE	<b>Topic:</b> Active Citizenship <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>❖ To identify ways on how to actively participate in the community</li></ul>	<b>Activities:</b> <ul style="list-style-type: none"><li>❖ Motivate your child to participate in the activities in your community.</li><li>❖ Discuss with your child the benefits of being active in the community</li></ul>	<a href="https://www.youtube.com/watch?v=kiZNO_Lca8k">https://www.youtube.com/watch?v=kiZNO_Lca8k</a>
MORAL EDUCATION	<b>Topic:</b> Commitment to the value of Human life <b>Learning Objectives:</b>	<b>Activities:</b> <ul style="list-style-type: none"><li>❖ Discuss with your child the importance of giving value to human life.</li></ul>	<a href="https://www.thebetterindia.com/23037/5-ways-in-which-you-can-start-educating-underprivileged-children-right-now/">https://www.thebetterindia.com/23037/5-ways-in-which-you-can-start-educating-underprivileged-children-right-now/</a>



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	<ul style="list-style-type: none"><li>❖ Demonstrate the need for and commitment to the fundamental value of each human life</li></ul>	<ul style="list-style-type: none"><li>❖ Research on different ways you can help underprivileged children meet their needs.</li></ul>	
HISTORY	<p><b>Topic: INDUSTRIAL REVOLUTION-RAILWAYS</b></p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>❖ To analyse the role of railways in changing socio-economic conditions of 19th Century Britain.</li><li>❖ To evaluate the socio-economic impact of railways in Britain.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ Create an evaluative explanation on the socio-economic &amp; environmental impact of railways in Britain.</li><li>❖ Evaluate the socio-economic impact of railways in Britain through mind-map/flow-chart/newspaper report.</li><li>❖ Explain the impact of railways on people's lives through a mind-map/flow-chart.</li></ul>	<p><a href="https://www.worldhistory.org/article/2167/the-railways-in-the-british-industrial-revolution/">https://www.worldhistory.org/article/2167/the-railways-in-the-british-industrial-revolution/</a></p> <p><a href="https://www.thoughtco.com/railways-in-the-industrial-revolution-1221650">https://www.thoughtco.com/railways-in-the-industrial-revolution-1221650</a></p> <p><a href="http://foundations.uwgb.org/railroads-time-distance/">http://foundations.uwgb.org/railroads-time-distance/</a></p> <p><a href="https://www.campop.geog.cam.ac.uk/research/projects/transport/onlineatlas/railways.pdf">https://www.campop.geog.cam.ac.uk/research/projects/transport/onlineatlas/railways.pdf</a></p> <p><a href="https://www.bbc.co.uk/teach/class-clips-video/history-ks3-ks4-gsce-the-world-that-railways-made/zf6vkmn">https://www.bbc.co.uk/teach/class-clips-video/history-ks3-ks4-gsce-the-world-that-railways-made/zf6vkmn</a></p>



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			<a href="https://www.youtube.com/watch?v=HMhjibBkV9E">https://www.youtube.com/watch?v=HMhjibBkV9E</a>
GEOGRAPHY	<b>TOPIC: Data Interpretation</b>  <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>❖ To examine the different types of DATA used in the study of Geography and ways to graphically represent data.</li></ul>	<b>Activities:</b> <ul style="list-style-type: none"><li>❖ Creating bar graph, line graph, pie chart and interpreting the data.</li></ul>	<a href="#">Analysing and interpreting data - Geographical enquiry process - CCEA - GCSE Geography Revision - CCEA - BBC Bitesize</a>
UAE SOCIAL STUDIES	<b>TOPIC: Spreading Cultures in China and Southeast Asia</b>  <b>LEARNING OBJECTIVES:</b> <ul style="list-style-type: none"><li>❖ To investigate life in 18th century by examining a series of historic painting</li></ul>	<b>Activities:</b> <ul style="list-style-type: none"><li>❖ Research on the scrolls and what does it suggest about the effective town planning and sense of civic responsibility for one's community (Global understanding- appreciate multi culture)</li></ul>	<a href="https://www.youtube.com/watch?v=WPmED0GbYUs">https://www.youtube.com/watch?v=WPmED0GbYUs</a> Ministry of Education Text Book Social Studies:





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FRENCH	<p><b>TOPIC</b> – J’ai donné un coup de main</p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>❖ To conjugate verbs in the past perfect tense with a help of auxiliary verbs AVOIR describing household chores in the past tense.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ Encourage your child to listen to French radio stations while doing other activities at home.</li><li>❖ Motivate your child to talk about how life in Dubai is different from a life in different countries (maybe the country of your origin?); what makes is special? And let them describe what they have done to help in household chores in the past tense.</li></ul>	<p><a href="#">(7) the French Passé Composé (with avoir) – YouTube</a></p> <p><a href="https://www.youtube.com/watch?app=desktop&amp;v=aGzacKL50_Q">https://www.youtube.com/watch?app=desktop&amp;v=aGzacKL50_Q</a></p> <p><a href="#">Parler des tâches ménagères en français. Niveau A1 FLE - Bing video</a></p>
ICT	<p><b>Topic:</b> Digital citizenship: Cyberbullying: Responding to online hate speech.</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>❖ Analyse an online hate speech dilemma using the Feelings &amp; Options steps.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ Talk to your child about cyberbullying and encourage the child to be an upstander to hate speech.</li><li>❖ Create a presentation on cyberbullying and the ways to respond to online hate speech.</li></ul>	<p><a href="#">Teen Voices: Hate Speech Online - YouTube</a></p>



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	<ul style="list-style-type: none"><li>❖ Identify specific actions to positively affect a situation involving hate speech.</li></ul>		
STEAM	<p><b>Topic:</b> Minecraft - Digital Citizenship</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>❖ To explore and understand the importance of being safe, responsible, and respectful online.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ Create a Minecraft skit on how to behave online by solving 4 levels of puzzles about personal data, digital footprint, health, e-waste, copyright.</li></ul>	<p><a href="https://education.minecraft.net/en-us/lessons/varnost-na-spletu">https://education.minecraft.net/en-us/lessons/varnost-na-spletu</a></p>