



The Winchester School

Year 8- Family Learning Newsletter – December- 2021

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>TOPIC – Reading Comprehension</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ➤ To analyse explicit and implicit ideas. 	<ul style="list-style-type: none"> ✓ In the light of the PTE, TIMSS and PISA and other exams that challenge the reading and analytical skills of the students, the following activity has been designed. ✓ Students will read the article provided in the link on marine life in the oceans. ✓ Create bullet points that cover the main points of the passage. ✓ With your child look up Bloom’s Taxonomy and create a range of questions that challenge the child on varied skills. 	<p>http://www.sciencejournalforkids.org/uploads/5/4/2/8/54289603/target_mpa_article.pdf</p> <p>http://www.bloomstaxonomy.org/Blooms%20Taxonomy%20questions.pdf</p>
MATHS	<p>TOPIC –Ratio and proportion</p> <p>LEARNING OBJECTIVE:</p> <p>Ratio to its Simplest form:</p> <ul style="list-style-type: none"> ➤ To be able to recognise, use ratio notation and understand that a multiplicative relationship between two quantities can be expressed as a ratio or a fraction and reduce the given ratio to its simplest form. ➤ Divide a quantity To be able to divide a given quantity into two parts in a given part or whole ratio 	<p>Discuss with your child</p> <ul style="list-style-type: none"> ✓ 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 the ratio of kids to the total members in the family. ✓ How to use mathematical reasoning to make connection to a recipe to bake a cake with mathematics. ✓ If the answer is ‘£350 and £450’. What is the question? ✓ Real life examples of Ratio and proportion- including Direct and Inverse proportion. 	<p>https://www.mathworksheets4kids.com/ratio.php</p> <p>https://www.mathworksheetsland.com/topics/ratios.html</p> <p>https://www.mathsisfun.com/ratio2.html</p> <p>https://www.arcademics.com/games/ratio-stadium</p>



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	<ul style="list-style-type: none"> ➤ Direct proportion To be able to solve problems involving direct proportion. 	<ul style="list-style-type: none"> ✓ The recipe on how 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. <p>Research on cross curricular links:</p> <ul style="list-style-type: none"> ✓ Relationships such as the "golden ratio" are also extremely important in biology. ✓ Research on Pi(3.14) were the ratio is used to find the Circumference of any circular objects. 	
<p>SCIENCE</p>	<p>TOPIC – Physical changes</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ➤ Interpret and analyse heating and cooling curves. ➤ Explain latent heat and analyse the impact of impurities on melting and boiling points through data to conclude if a substance is pure or impure. ➤ Compare and contrast how solids, liquids and gases behave during thermal expansion. <p>TOPIC – Interaction of organisms in the environment</p>	<p>Motivate your child to</p> <ul style="list-style-type: none"> ✓ Interpret the heating and cooling curves in their daily life. ✓ Apply the concepts of latent heat in real life and analyse the effect of impurities on the curves. ✓ Apply Brownian motion in daily life. ✓ Create a fact sheet on the applications of thermal expansion. ✓ Create an interactive page on the effect of thermal expansion on solids, liquids and gases. ✓ Create a news report on the risk of monoculture on the world food security and bioaccumulation on the environment. 	<p>http://www.kentchemistry.com/inks/Matter/HeatingCurve.htm</p> <p>https://chemistry.stackexchange.com/questions/61883/effect-of-impurities-on-melting-point</p> <p>http://www.scienceclarified.com/everyday/Real-Life-Chemistry-Vol-4/Thermal-Expansion.html</p> <p>https://ourworld.unu.edu/en/growing-corporate-hold-on-</p>



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	<p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none">➤ Evaluate the risks of monoculture on world food security.➤ Analyze and evaluate the factors affecting endangered species and recommend solutions		<p>farmland-risky-for-world-food-security</p> <p>https://www.sciencedaily.com/releases/2011/03/110330214709.htm</p> <p>https://www.nature.com/news/2011/110418/full/news.2011.243.html</p>
ARABIC (Arabs)	<p>TOPIC – أدمغتنا تحب القصص-</p> <p>LEARNING OBJECTIVES-</p> <p>يحلل الطالب النص المعلوماتي بحدد الفكرة الرئيسية والأفكار الفرعية يدلل على أفكار النص يفسر مصطلحات علمية في مجال العلوم الإنسانية</p>	يكتب الطالب مقالاً عن فوائد قراءة القصص	<p>http://alareen-news.com/ar/view/13568#.YY_cIWAzY2w</p>
ISLAMIC STUDIES (Arabs)	<p>TOPIC -- أصحاب القرية -</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none">- يتلوا الآيات تلاوة صحيحة مجودة- يحلل قصة أصحاب القرية- <p>يستنبط العبر والعظات من قصة أصحاب القرية</p>	<p>يحرص على حفظ سورة يس-</p> <p>يكتب بحثاً عن الإخلاص وعلاقته بالعمل-</p> <p>يكتب عن أصحاب القرية وكيف كان عقابهم من الله تعالى مع الدروس المستفادة منها</p>	<p>https://www.youtube.com/watch?v=79gmDIVAhEQ</p>



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<p>ARABIC (Non- Arabs)</p>	<p>تذكريات الطفولة – TOPIC LEARNING OBJECTIVES-</p> <ul style="list-style-type: none">- يوظف الجناس في سياقات مختلفة- يصف أيام الطفولة.- يوظف أسلوب التمني في وصف أيام الطفولة.- ينشيء حوارًا عن ذكريات الطفولة.	<p>Encourage your child to -</p> <ul style="list-style-type: none">✓ Record a video talking about their childhood memories.✓ Design a poster about my childhood memories✓ Collaborate with their friends to record a movie on their childhood memories.✓ Talk about their relatives✓ Read stories about childhood memories on (I read Arabic app).✓ Write about their childhood memories.	<p>(167) الجناس YouTube link -</p> <p>https://www.youtube.com/watch?v=lxegIVzuEAA&list=PL0eNR_C2NUuVCfWViQA9fhqckiCZvf8R9&index=3</p> <p>https://www.youtube.com/watch?v=aXykZL6BisQ</p> <p>https://www.youtube.com/watch?v=DBrzaGmY_Vk&list=PL0eNR_C2NUuVCfWViQA9fhqckiCZvf8R9&index=7</p> <p>https://learnarabiconline.ksu.edu.sa/Unit3/Lesson1/3-1-1.aspx</p>
<p>ISLAMIC STUDIES (Non- Arabs)</p>	<p>TOPIC –The Great Character of Caliph Omar Bin Al Khatab (RA)</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none">➤ To Appreciate the marvellous character of Omar (RA)	<ul style="list-style-type: none">✓ Motivate your child to contemplate on the role of Omar(RA) during the Battle of Tabuk when he sacrificed half of his wealth for the sake of Allah and His Prophet (P.B.U.H. What was the reason he wanted to surpass Abu Bakkr (RA) in good deeds.✓	<p>https://www.youtube-nocookie.com/embed/eiucBgSL-XI?autoplay=1&iv_load_policy=3&loop=1&modestbranding=1&playlist=eiucBgSL-XI</p>



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PSHCEE	TOPIC – Active Citizenship LEARNING OBJECTIVES- ➤ To identify ways on how to actively participate in the community	Motivate your child to ✓ Discuss with your child the benefits of being active in the community.	https://www.youtube.com/watch?v=kiZNO_Lca8k
MORAL EDUCATION	TOPIC – Staying at home and Outside LEARNING OBJECTIVES- ➤ To understand the dangers that might occur in the home and local environment.	✓ Discuss with your child the importance of knowing the numbers to call when there is an emergency (fire, police, ambulance)	How to minimise common home safety hazards at home - YouTube
HISTORY	TOPIC – Industrial Revolution in Britain LEARNING OBJECTIVES- ➤ To compare & contrast conditions responsible for the growth of industries in Britain and not in any other European Country.	✓ Discuss with your child the geographical & Political conditions in Europe and Britain during the Industrial Revolution.	www.studyhistory.co.uk www.bbc.co.uk/history www.schoolhistory.co.uk
GEOGRAPHY	TOPIC – Coasts LEARNING OBJECTIVES- ✓ To investigate the uses of coasts.	✓ Discuss with your child how coasts can be used sustainably?	https://www.teachitgeography.co.uk/ www.bbc.co.uk/geography https://www.bbc.co.uk/bitesize/topics/zpcqxn/resources/1 www.educationquizzes.com/ks3/geography



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<p>UAE SOCIAL STUDIES</p>	<p>TOPIC – Renaissance</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ✓ To explore Korea during the Josean Period 	<ul style="list-style-type: none"> ✓ Discuss with your child about the Donggwoldo painting and what it tells about the evidence of planning and prosperity. 	<p>Year 8 UAE SST MOE Text book</p>
<p>FRENCH</p>	<p>TOPIC – J'ai donné un coup de main</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ➤ To conjugate verbs in the past perfect tense with a help of auxiliary verbs AVOIR describing house hold chores in the past tense 	<p>Encourage your child to</p> <ul style="list-style-type: none"> ✓ Listen to French radio stations while doing other activities at home. ✓ 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. 	<p>https://www.youtube.com/watch?v=oxS80166JwQ</p> <p>https://www.francaisfacile.com/</p> <p>https://www.french-games.net/</p>
<p>ICT</p>	<p>TOPIC – Computer Network Monitoring Tools</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ➤ Research skills - Analysing the computer networks. ➤ Explore the purpose of using the network monitoring tools 	<p>Encourage your child</p> <ul style="list-style-type: none"> ✓ To explore the impact of Computer Networks in Real life. <p>Network monitoring systems provide a first line of defence when applications go down or when performance begins to deteriorate. The tools help the networking teams assess the health and availability of their network devices, as well as the overall network.</p> <ul style="list-style-type: none"> ✓ Research on the various network-monitoring tools and its features and create a presentation. ✓ To analyse and conduct a research on different networks and discuss about the various tools to 	<p>https://www.comparitech.com/net-admin/network-monitoring-tools/</p>



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		monitor different computer networks and the importance of it.	
STEAM	TOPIC – Minecraft - Digital Citizenship LEARNING OBJECTIVES- ➤ To explore and Understand the importance of being safe, responsible, and respectful online.	✓ Along with your child create a minecraft skit on how to behave online by solving 4 levels of puzzles about personal data, digital footprint, health, e-waste, copyright.	https://education.minecraft.net/en-us/lessons/varnost-na-spletu