



# The Winchester School

## Year 8- Family Learning Newsletter – September – 2024

#20yearsofWIN

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p><b>Topic:</b> Shakespeare: Historical and social context</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ To develop research skills.</li><li>➤ To further understand how Shakespearean texts reflect the social and historical context in which he lived and worked.</li></ul>	<p><b>Activity:</b></p> <ul style="list-style-type: none"><li>➤ Help your child understand the meaning and reason behind colonisation.</li><li>➤ Guide your child in researching how Shakespeare incorporated the theme of colonisation in his work.</li><li>➤ Encourage your child to research colonialism and its impact on the historical, social, cultural, political and psychological of the colonised countries.</li><li>➤ Encourage your child to select one specific country once colonised by the British and write a short first-person narrative from the perspective of a common man in a colonised country.</li></ul>	<p><a href="https://www.nationalgeographic.com/culture/article/colonialism">https://www.nationalgeographic.com/culture/article/colonialism</a></p>



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<p>MATHS</p>	<p><b>Topic:</b> Expressions <b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ Construct and simplify linear expressions.</li><li>➤ Multiply algebraic terms and combining like terms.</li><li>➤ Expand and simplify expressions involving brackets using distributive property.</li><li>➤ Solve expressions using the substitution method.</li></ul> <p><b>Topic:</b> Factorization <b>Learning Objective:</b> Factorize an expression by taking common factors.</p>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>➤ Discuss and share your experience visiting a grocery store and encourage your child to estimate the cost of items in your grocery cart.</li><li>➤ Challenge your child to estimate the total amount as close to the actual cost.</li><li>➤ Ask your child to give you a mathematical expression for the items in the grocery cart.</li></ul> <p><b>Examples:</b></p> <ul style="list-style-type: none"><li>➤ If I bake “cookies every day.</li><li>➤ How many cookies would I bake in seven days or 1 month? • You read “2” books each week. How many books would you read over a period of four weeks?</li><li>➤ Encourage the students to solve simply riddles based on ages.</li><li>➤ Example: If Richard is <math>x</math> years old how old will Richard be in 2 years times? How old was Richard “<math>y</math>” years ago?</li><li>➤ Research: The use of Algebra in real life.</li></ul>	<p>An activity to simplify the expressions in the given figure and colour according to the colour code given in question.</p> <ul style="list-style-type: none"><li>➤ <a href="https://corbettmaths.com/2013/03/12/for-ming-algebraic-notation/">https://corbettmaths.com/2013/03/12/for-ming-algebraic-notation/</a></li><li>➤ <a href="https://www.tes.co.uk/teachingresource/substitution-worksheet6030216">https://www.tes.co.uk/teachingresource/substitution-worksheet6030216</a></li><li>➤ <a href="https://www.mathsisfun.com/definitions/expression.html">https://www.mathsisfun.com/definitions/expression.html</a></li><li>➤ <a href="https://www.mathsisfun.com/algebra/factoring.html">https://www.mathsisfun.com/algebra/factoring.html</a></li></ul> <p><a href="https://www.khanacademy.org/math/algebra/polynomialfactorization/factoringpolynomials/1commonfactors/v/factoring-and-the-distributive-property-3">https://www.khanacademy.org/math/algebra/polynomialfactorization/factoringpolynomials/1commonfactors/v/factoring-and-the-distributive-property-3</a></p>
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		<p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>➤ Encourage the student to pick the highest common factor from a set of numbers/expressions.</li> </ul>	
<p>SCIENCE</p>	<p><b>Topic:</b> Physical changes  <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 boiling points through data to conclude if a substance is pure or impure.</li> <li>➤ Explain Brownian motion in gases and its significance.</li> <li>➤ Compare and contrast how solids, liquids and gases behave during thermal expansion</li> </ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"> <li>➤ Encourage students to interpret the heating and cooling curves in their daily life.</li> <li>➤ Ask students to produce new ideas to apply the concepts of latent heat in real life and analyse the effect of impurities on the curves.</li> <li>➤ Application of Brownian motion in daily life.</li> <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> </ul> <p><b>Activities:</b></p> <ul style="list-style-type: none"> <li>➤ Students will 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.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> <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.sciencedaily.com/releases/2011/03/110330214709.htm">https://www.sciencedaily.com/releases/2011/03/110330214709.htm</a></li> <li>➤ <a href="https://www.sciencedirect.com/topics/chemistry/bioaccumulation">https://www.sciencedirect.com/topics/chemistry/bioaccumulation</a></li> </ul>



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	<p><b>Topic:</b> Interaction of organisms in the environment</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><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>		<p>➤ <a href="https://ec.europa.eu/research-and-innovation/en/horizon-magazine/rise-and-fall-monoculture-farming">https://ec.europa.eu/research-and-innovation/en/horizon-magazine/rise-and-fall-monoculture-farming</a></p>
ISLAMIC STUDIES (Arabs)	<p><b>Topic:</b> المد الفرعي أنا خيركم لأهلي حرمة ترويع الإنسان</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ أن يتعرف على أحكام المد الفرعي شرح الحديث شرحا اجماليا مع توضيح المستفاد منه</li><li>➤ أن يحدد حقوق وواجبات كل انسان تجاه أخيه</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>➤ عمل خرائط ذهنية تجمع أحكام المد الفرعي</li><li>➤ البحث عن الحديث في كتب السنة والوقوف على الراوي الأعلى ومعنى الحديث</li><li>➤ عمل بحث جماعي يتم فيه توضيح الأمور التي يمكنها أن ترويع الأمنين وكيفية علاج مثل هذه الأمور وموقف الإسلام منها</li></ul>	<p><a href="http://uae-school.com">حل درس المد الفرعي تربية إسلامية صف ثامن (uae-school.com) فصل ثاني - مدرستي الامارتية</a></p> <p><a href="http://uae-school.com">حل درس أنا خيركم لأهلي تربية إسلامية صف ثامن (uae-school.com) فصل ثاني - مدرستي الامارتية</a></p> <p><a href="http://uae-school.com">حل درس حرمة ترويع الإنسان تربية إسلامية صف ثامن (uae-school.com) فصل ثاني - مدرستي الامارتية</a></p>



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ARABIC (Arabs)	<p><b>Topic:</b> شعر من تجارب الحياة - علامات الإعراب الأصلية والفرعية</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ يفسر مفردات الأبيات</li><li>➤ يستنتج الفكرة العامة للأبيات والأفكار الداعمة</li><li>➤ يحلل الأبيات تحليلاً بلاغياً</li><li>➤ يتعرف علامات الإعراب الأصلية والفرعية</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>➤ يوظف المفردات الجديدة في جمل من إنشائه</li><li>➤ يشرح الأبيات شرحاً أدبيّاً بأسلوبه</li><li>➤ يستخرج الصور الفنية في الأبيات</li><li>➤ يعرب الاسم في الجمل الاسمية والفعلية</li></ul>	<p><a href="https://seraj-uae.com/file/2365/">https://seraj-uae.com/file/2365/</a></p> <p><a href="https://www.youtube.com/watch?v=A6alSHnO12c&amp;t=3s">https://www.youtube.com/watch?v=A6alSHnO12c&amp;t=3s</a></p>
ARABIC (Non- Arabs)	<p><b>Topic:</b> الحياة في الماضي والحاضر</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ To describe life in the past in the UAE.</li><li>➤ To compare life in the past to life in the present.</li><li>➤ -To create a mind map about life in the past and present.</li><li>➤ -To analyse the text.</li><li>➤ to use figurative devices and sentence openers.</li></ul>	<p><b>Activities:</b> Encourage your child to-</p> <ul style="list-style-type: none"><li>➤ Make sentences about life in the past and present in the UAE using the new vocabulary.</li><li>➤ Participate with my friends to make a mind map of life in the past and present.</li><li>➤ Create a dialogue about life in the past and present.</li><li>➤ Write a paragraph about life in the past and present.</li></ul>	<p><a href="https://seraj-uae.com">سراج (seraj-uae.com)</a></p>



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<p>ISLAMIC STUDIES (Non- Arabs)</p>	<p><b>Topic:</b> Honesty and Truthfulness</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ To elucidate the concept and importance of honesty and truthfulness</li><li>➤ To analyse the character of Prophet (P.B.U.H) as the most truthful and honest person</li></ul> <p><b>Topic:</b> Acts are judged by intention</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ To elucidate the concept and significance of pure intention.</li><li>➤ To evaluate the benefits of sincere intentions on an individual and society.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>➤ With your child record a video on the consequences of dishonesty on society.</li><li>➤ Discuss with your child on the given scenario: If you witness your friend is dishonest and untruthful, how would you explain the virtues of these two traits to him in order to make him a good person? Convince him/her by giving reference of a hadeeth.</li><li>➤ Encourage your child to write an article on the benefits of good intention on an individual and society. If most of the people of a society practice good and sincere intention towards each other, how does that society look like. Give examples from Seerah.</li></ul>	<p><a href="https://www.alazharquranteaching.com/islam-and-honesty/">https://www.alazharquranteaching.com/islam-and-honesty/</a></p> <p><a href="https://islamonline.net/en/purity-of-intentions-1/">https://islamonline.net/en/purity-of-intentions-1/</a></p>
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PSHCEE	<p><b>Topic:</b> Study Skills</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ To be able to write an essay</li><li>➤ To evaluate the importance of developing study habits.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>➤ Motivate your child to develop study habits</li><li>➤ Encourage your child to make a study schedule.</li></ul>	<p><a href="https://www.educationcorner.com/study-skillstml">https://www.educationcorner.com/study-skillstml</a></p>
MORAL EDUCATION	<p><b>Topic:</b> Duties and Responsibilities</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ Will be able to examine responsibilities and duties towards other people</li><li>➤ Clarifying the duties and responsibilities of parents towards their children (providing them with food, clothes and shelter; protecting them against risks, preserving their lives; providing them with advice and guidance concerning life and education).</li><li>➤</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>➤ Ask your child to identify his/her responsibilities at home, at school, and in the community.</li><li>➤ Discuss with your child the different roles of each member of your family.</li></ul>	<p>(10) Children's rights and responsibilities - YouTube</p>



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	<ul style="list-style-type: none"><li>➤ Identifying parents' responsibilities for any harm caused by their child to the properties of others and in case the child violates the laws</li></ul>		
HISTORY	<p><b>Topic:</b> Skill Bank</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ To categorise and evaluate the sources of information.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>➤ Encourage your child to write at least two rights and responsibilities that you have to follow as a citizen and a resident of the UAE.</li><li>➤ Motivate your child to practice their responsibilities and duties at home.</li></ul>	History Work Book
GEOGRAPHY	<p><b>Topic:</b> Population</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ To assess the impact of the fast-growing population and the population all over the world.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>➤ Motivate to your child to learn about how UAE is affected by the increase in population.</li><li>➤ Encourage your child to research on how drastic climatic changes have impacted the population of the world.</li></ul>	<a href="https://unstats.un.org/unsd/demographic-social/census/COVID-19/">https://unstats.un.org/unsd/demographic-social/census/COVID-19/</a>



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<p>UAE SOCIAL STUDIES</p>	<p><b>Topic:</b> Maps &amp; mapping skills: Using Geographic information system (GIA)</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ To identify GIS data and explain the usage of this data in our life.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>➤ Discuss the patterns on a GIS map with real life links with your child</li><li>➤ Share the importance of data in GIS.</li></ul>	<p>Year 8 UAE Textbook</p>
<p>FRENCH</p>	<p><b>Topic:</b> Je joue au foot, je fais de la natation</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ To talk about favourite sports and musical instruments while mentioning your opinion, justify it and how often you practise them.</li><li>➤ To emphasise the use of the 1st group verbs “er” and v. faire + different prepositions that match each sport.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>➤ Encourage your child to do regular work: 15-20 minutes 5 times a week spent with French will guarantee good progress.</li><li>➤ Motivate your child listen to a French radio station together while doing household chores.</li><li>➤ Motivate your child to give a good example trying to memorize some French vocabulary.</li></ul>	<p><a href="https://blog.lingoda.com/en/french-sports-vocabulary/">https://blog.lingoda.com/en/french-sports-vocabulary/</a></p> <p><a href="https://francesfacilbenejuzar.blogspot.com/2019/06/verbe-faire-et-jouer-les-loisirs-et.html">https://francesfacilbenejuzar.blogspot.com/2019/06/verbe-faire-et-jouer-les-loisirs-et.html</a></p> <p><a href="https://french.kwiziq.com/revision/grammar/faire-de-jouer-a-how-to-talk-about-leisure-activities">https://french.kwiziq.com/revision/grammar/faire-de-jouer-a-how-to-talk-about-leisure-activities</a></p> <p><a href="https://www.languagenut.com/global/">https://www.languagenut.com/global/</a></p>



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ICT	<p><b>Topic:</b> Networking and the Internet</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>➤ To explore the advantages of using a network.</li><li>➤ To Analyse how domain names and IP addresses are linked.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>➤ Encourage your child to: Make a presentation on different types of networks.</li><li>➤ Browse the different educational websites and learn about the domain names and also find out the ISP's of UAE.</li></ul>	<p><a href="https://www.bbc.co.uk/bitesize/guides/zc6rcdm/revision/1">https://www.bbc.co.uk/bitesize/guides/zc6rcdm/revision/1</a></p>
STEAM	<p><b>Topic:</b> Night Safety- Micro: bit</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>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>➤ Discuss with your child issues around road safety for wheelchair users, especially at night.</li><li>➤ Encourage your child to design and create a prototype of a flashing wheel light using micro: bit to help wheelchair users 'Be Safe: Be Seen!' at night.</li></ul>	<p><a href="#">Night sensor   micro:bit (microbit.org)</a></p>