



The Winchester School

Year 8- Family Learning Newsletter – September - 2021

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>Topic: Othello</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To further explore the Elizabethan era in which the play is set.➤ To analyze the plot of Othello.➤ To introduce students to Shakespearean English.	<ul style="list-style-type: none">➤ Encourage your child to watch the video to give him/her a better understanding of the Elizabethan era.➤ As a parent you can supply him/her with additional reading to help your child have a better insight into the era the text is set in.➤ Your child must be able to navigate himself through the maze of plot and sub plot, along with the long list of characters.➤ A reading of the notes provided on the said webpage will help the student understand the text better.➤ Create a flowchart of the plot outlining the major events that change the course of the plot.➤ Encourage your child to watch and understand Shakespeare's use of the English language. Through YouTube, search for videos on Shakespearean English. Help your child create a self-introduction using Shakespearean English.	<p>http://www.sparknotes.com/shakespeare/othello/summary.html</p> <p>http://www.shakespeareonline.com/theatre/globe.html</p> <p>http://www.elizabethanera.org.uk/elizabethanlife.htm</p>



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MATHS	<p>Topic: Expressions</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ Construct and simplify linear expressions➤ Multiply algebraic terms and combining like terms➤ Expand and simplify expressions involving brackets using distributive property➤ Solve linear expressions using the substitution method. <p>Topic: Factorization</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ Factorize an expression by taking common factors	<p>Discuss and Share your experience Visit a grocery store and encourage your child to estimate the cost of items in your grocery cart. Challenge to estimate the total amount as close to the actual cost.</p> <p>Talk: To your child and ask to give you a mathematical expressions for the items in the grocery cart.</p> <p>Examples:</p> <ul style="list-style-type: none">➤ If I bake y cookies every day. How many cookies would I bake in seven days or 1 month?➤ You read x books each week. How many books would you read over a period of four weeks?➤ Encourage them to solve simply riddles based on ages.<ol style="list-style-type: none">1. Example If Richard is x years old how old will Richard be in 2 years times?2. How old was Richard y years ago3. Research: The use of Algebra in real life	<p>https://www.mathsisfun.com/algebra/factoring.html</p> <p>https://www.khanacademy.org/math/algebra/polynomial-factorization/factoring-polynomials-1-common-factors/v/factoring-and-the-distributive-property-3</p> <p>https://www.tes.com/teaching-resource/algebra-expanding-brackets-and-factorising-6020209</p>
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		<p>Activity: Encourage the student to pick the highest common factor from a set of numbers/expressions.</p> <p>Example :</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th>Expression</th> <th>Factorised.....</th> <th>Corrected (if need be)</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>$4x+24$</td> <td>$4(x+6)$</td> <td></td> </tr> <tr> <td>B</td> <td>$4x+24$</td> <td>$2(x+12)$</td> <td></td> </tr> <tr> <td>C</td> <td>$2ab+a^2b$</td> <td>$ab(2+a)$</td> <td></td> </tr> <tr> <td>D</td> <td>$2x^2+8x$</td> <td>$2(x^2+4x)$</td> <td></td> </tr> </tbody> </table>		Expression	Factorised.....	Corrected (if need be)	A	$4x+24$	$4(x+6)$		B	$4x+24$	$2(x+12)$		C	$2ab+a^2b$	$ab(2+a)$		D	$2x^2+8x$	$2(x^2+4x)$		
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SCIENCE	<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. ➤ Explain Brownian motion in gases and its significance. ➤ Compare and contrast how solids, liquids and gases behave during thermal expansion. <p>Topic: Interaction of organisms in the environment</p>	<ul style="list-style-type: none"> ➤ Encourage students to interpret the heating and cooling curves in their daily life. ➤ 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. ➤ Application of Brownian motion in daily life. ➤ Create a fact sheet on the applications of thermal expansion. 	<ul style="list-style-type: none"> • http://www.kentchemistry.com/links/Matter/HeatingCurve.htm • https://chemistry.stackexchange.com/questions/61883/effect-of-impurities-on-melting-point • http://www.doc.ic.ac.uk/~nd/surprise_95/journal/vol2/ykl/article2.html • http://www.scienceclarified.com/everyday/Real-Life-Chemistry-Vol-4/Thermal-Expansion.html • https://ourworld.unu.edu/en/growing-corporate-hold-on-farmland-risky-for-world-food-security 																				



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	<p>Learning Objectives:</p> <ul style="list-style-type: none">➤ Evaluate the risks of monoculture on world food security.➤ Explain the process of bio-accumulation➤ Analyse and evaluate the factors affecting endangered species and recommend solutions.	<ul style="list-style-type: none">➤ Create an interactive page on the effect of thermal expansion on solids, liquids and gases.➤ Students will create a news report on the risk of monoculture on the world food security and bioaccumulation on the environment.	<ul style="list-style-type: none">• https://www.sciencedaily.com/releases/2011/03/110330214709.htm• https://www.nature.com/news/2011/110418/full/news.2011.243.html
ARABIC (Arabs)	<p>Topic: –مراجعة النحو- الجملة الاسمية والجملة الفعلية-</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">*. أن يحدد أقسام الجملة الاسمية و الجملة الفعلية -.*. أن يعرب الجملة الاسمية و الجملة الفعلية -.*. أن يتعرف ملحقات الجملة الفعلية -.*. أن يوظف الجملة الاسمية و الجملة الفعلية في -. <p>Topic: –مراجعة البلاغة- التشبيه-</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">*. أن يتعرف الطالب التشبيه -.*. أن يوضح مواطن الجمال فيه -.*. أن ينتج التشبيه في جمل من إنشائه -. <p>Topic: الضحك في آخر الليل</p>	<p>يكتب فقرات تتضمن الجملة الاسمية والجملة الفعلية وملحقاتها</p> <p>يكتب نصًا وصفيًا موظفًا التشبيه</p>	<p>https://www.youtube.com/watch?v=h-g3ghCaLgw</p> <p>https://www.youtube.com/watch?v=U1dFXa3f30w</p>



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	<p>Learning Objectives:</p> <p>أن يحدد العناصر الفنية للقصة القصيرة أن يحلل القصة إلى عناصرها الفنية موضحًا فكرتها أن يحدد وجهة نظر الكاتب ووجهات نظر الشخصيات يعلل استخدام اللغة المجازية في النص الأدبي واصفًا كيف تؤثر على النص</p>	<p>يكتب قصة قصيرة من إنشائه مستخدمًا بعض التعبيرات المجازية</p>	<p>https://www.youtube.com/watch?v=4TT34IjvBo</p>
ISLAMIC STUDIES (Arabs)	<p>Topic: صدق الرسول (ص) مع قومه - أحكام المد</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">- يبين المعنى الاجمالي للأبيات الكريمة- يستنتج الحكمة من ارسال الرسل -- (يدلل على صدق رسالة الرسول (ص) -- يوضح مفهوم المد وحروفه -- يميز بين أقسام المد -- يطبق أحكام الم -- يستنتج العلاقة بين الاخلاص وقبول العمل	<p>يحرص على حفظ سورة يس - يكتب بحثًا عن الاخلاص وعلاقته بالعمل - استخرج من سورة يس أحكام المد الاصلي - يكتب مقالًا عن دور العمل في طوير المجتمع</p>	<p>https://www.youtube.com/user/bentelnilco m</p> <p>https://www.youtube.com/user/bentelnilco m</p>
ARABIC (Non- Arabs)	<p>Topic: الماضي والحاضر</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ Students to describe life in past and present.➤ Students to discuss the value of the history.➤ Students to describe old and modern houses in UAE.	<p>Encourage your child to –</p> <p>Design a poster about life in past and present. Participate with my friends to do movie about life in past and present. Talk about the value of history. Suggest some new places in Dubai to visit. Read stories about modern houses on (I read Arabic app) Write a story about life in past and present.</p>	<p>https://www.youtube.com/watch?v=pf7MxZHgggU&t=98s</p> <p>https://www.youtube.com/watch?v=U1kmnqJTgjE</p> <p>https://www.youtube.com/watch?v=lxegIVzuEAA&list=PL0eNR_C2NUuVCfWViQA9fhqckiCZvf8R9&index=3</p> <p>https://www.youtube.com/watch?v=2wxSLH7M-</p>



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	<ul style="list-style-type: none"> ➤ Students to analyse the text. ➤ Students to use figurative language and literacy styles. ➤ Students to compose a letter about past and present. ➤ Students to compare between past and present. 		<p>I0&list=PL0eNR_C2NUuVCfWViQA9fhqc kiCZvf8R9&index=4 https://www.youtube.com/watch?v=U1kmnqJTgjE <a href="https://www.youtube.com/watch?v=FXtS-HE-AKQ&list=PL0eNR_C2NUuVCfWViQA9fhqc
kiCZvf8R9&index=2">https://www.youtube.com/watch?v=FXtS-HE- AKQ&list=PL0eNR_C2NUuVCfWViQA9f hqckiCZvf8R9&index=2</p>
<p>ISLAMIC STUDIES (Non- Arabs)</p>	<p>Topic:</p> <ul style="list-style-type: none"> ● Resurrection & Raising Up ● The People Who Will Be Under The Shade Of Allah <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To elucidate the concept of Resurrection by Quran (by referencing ayat and Ahadeeth) ➤ To explore the wisdom behind resurrection and raising up (by referencing stories from Quran) ➤ To evaluate the effects of believing in resurrection on an individual(by giving real life examples) 	<p>Motivate your child to-</p> <p>Search the concept of Resurrect in two religions of your choice and compare with your religion.</p> <p>Search and explore the qualities a good believer needs to win Allah’s pleasure. Create a mind map on the benefits of having these good qualities not only that individual but on society too.</p>	<p>//www.youtube.com/watch?v=Lyw-K1CWmp4</p> <p>https://www.youtube.com/watch?v=BivsXVrhosk&t=357s</p>



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	<ul style="list-style-type: none">➤ To explore the qualities of righteous people (By referencing ayat & ahadeeth)➤ To comprehend the importance and effects of choosing right path (By referencing ayat & ahadeeth)➤ To deduce the effects of fearing of Allah on an individual and society (by giving examples from daily lives)		
PSHCEE	<p>Topic: Study Skills</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To be able to listen carefully.➤ To be able to skim and scan.➤ To be able to take effective notes.➤ To be able to highlight effectively. <p>To be able to write an essay</p>	Ask your child to try to find questions for each level of other subjects they are studying this month in school.	https://www.educationcorner.com/study-skills.html



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<p>MORAL EDUCATION</p>	<p>Topic: What is Meant by Duties and Responsibilities Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To examine responsibilities and duties towards other people e.g. classmates ➤ To demonstrate awareness of daily responsibilities and duties in their family. 	<ul style="list-style-type: none"> ➤ Ask your child to write at least two rights and responsibilities that you have to follow as a citizen and a resident of the UAE. ➤ Encourage your child to practice their responsibilities and duties at home. 	<p>https://www.youtube.com/watch?v=TyP09SOUEzA</p>
<p>HISTORY</p>	<p>Topic: Resources and evidence Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To categorize various sources as primary and secondary resources. 	<p>Assist your child to differentiate between primary and secondary resources and give examples by watching the video given in the website column.</p>	<p>https://www.youtube.com/watch?v=pmno-Yfetd8</p>
<p>GEOGRAPHY</p>	<p>Topic:</p> <ul style="list-style-type: none"> ➤ Skill Development: ➤ Source analysis and Interpretation: <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To examine the sources and describe the changes seen in the different demographic transitional stages 	<p>Along with your child watch the video from the link given and answer the following questions:</p> <ul style="list-style-type: none"> ➤ Describe the changes in the total population across all the 4 stages. ➤ Evaluate how far economic development can be linked to Demographic Transitional Model. ➤ How has the COVID-19 pandemic impacted the population and economic development of UAE? 	<p>https://www.youtube.com/watch?v=l1KBTk5FhQ https://www.youtube.com/watch?v=6P2bsPWCRvM</p>



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UAE SOCIAL STUDIES	<p>Topic: The geography of East Asia</p> <p>Learning Objectives: To analyse China's major rivers, seas and land features that make up its unique geography.</p>	<p>Help your child identify the natural features of China like the: Major rivers, Seas Bordering China, Mountain ranges, major cities, and countries bordering China</p>	<p>https://www.youtube.com/watch?v=6K0KlLkTcuw https://www.youtube.com/watch?v=DdwPNUAIVIA</p>
FRENCH	<p>Topic: Mes vacances de reve</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To describe holiday plan ➤ To develop listening and reading comprehension skills 	<p>Along with your child:</p> <ul style="list-style-type: none"> ➤ Go on a virtual trip to places that you're planning to visit this summer- ➤ Are you going to visit any French speaking countries? ➤ Why is it important to speak foreign languages while travelling? ➤ How can travelling experience enhance our motivation to learn French? 	<p>www.language-gym.com www.french-games.net www.francaisfacil.com www.quizlet.com</p>
ICT	<p>Topic: Storage Devices</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To explore and evaluate applications of various Storage devices. ➤ Investigate about HDDs and SSDs. 	<ul style="list-style-type: none"> ➤ Investigate about the HDDs and SSDs and its applications. ➤ Evaluate the performance of HDDs and SSDs and create a report which is the best option. ➤ Research and conclude how an SSD can accelerate your computer from business solutions to gaming. 	<p>https://www.intel.com/content/www/us/en/products/docs/memory-storage/solid-state-drives/ssd-vs-hdd.html</p>



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STEAM	<p>Topic: Microbit Makecode</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To design a timer to challenge your friends using micro: bit make code.	<ul style="list-style-type: none">➤ Research on the applications of timer in everyday life.➤ Design a timer using variables, brick and input blocks.➤ Create a new timer, that counts down to 0.	<p>https://makecode.microbit.org/</p> <p>https://projects.raspberrypi.org/en/projects/against-the-clock</p> <p>https://makecode.microbit.org/docs</p>
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