



The Winchester School

Year 8- Family Learning Newsletter – December - 2020

Area of Learning	Focus	Activities	Useful website
ENGLISH	<p><u>TOPIC</u> : Othello</p> <p><u>LEARNING OBJECTIVE:</u></p> <ul style="list-style-type: none">➤ To interpret and extend understanding of Shakespeare's Othello	<p>YOU'RE THE ACTOR – Encourage your child to</p> <p><u>Option One: Monologue</u></p> <ul style="list-style-type: none">➤ Pick a speech of at least ten lines. Repeat the speech using several different techniques. Try it dramatically, angrily, humorously, sarcastically. Try emphasizing different words to change the meaning. <p><u>YOU'RE THE DESIGNER</u></p> <ul style="list-style-type: none">➤ Create costume designs that illustrate the story line behind one of the main characters. Pay attention to the feelings that can be created by color and line. Consider what era you want to set the play in and what impact that will have on the play. <p><u>NEW ENDING</u></p> <ul style="list-style-type: none">➤ Choose one detail of action from the play and change it. Imagine Rodrigo gives up on Desdemona and leaves Cyprus without telling Iago, or that Desdemona never dropped her handkerchief, etc. How does this affect the ending of the play? This doesn't mean that everyone is happily ever after.	<p>https://www.youtube.com/watch?v=k8muSkXjPHE</p> <p>https://www.youtube.com/watch?v=H3_Bb9wGObY</p>

<p>MATHS</p>	<p>TOPIC :STATISTICS LEARNING OBJECTIVE:</p> <ul style="list-style-type: none"> ➤ Gap analysis -Evaluate the missing angles in Parallel lines, Triangles and quadrilaterals. ➤ Solving Linear equations with brackets and fractions 	<p>Activity</p> <ul style="list-style-type: none"> ➤ Revisit the topic of angles in parallel lines using game based learning. <p>Engage : Your Child</p> <ul style="list-style-type: none"> ➤ To revisit the steps involved in solving equations and link it with real life applications 	<ul style="list-style-type: none"> • https://www.mathsisfun.com/geometry/parallel-lines.html • https://www.mathsisfun.com/search/search.html?query=angles+in+triangles&submit=&search=1#ff • https://www.mathsisfun.com/algebra/equations-solving.html
<p>SCIENCE</p>	<p>TOPIC Physical changes LEARNING OBJECTIVE:</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 LEARNING OBJECTIVE:</p> <ul style="list-style-type: none"> ➤ Evaluate the risks of monoculture on world food security. ➤ Explain the process of bioaccumulation ➤ Analyze and evaluate the factors affecting endangered species and recommend solutions 	<p>Activity – Encourage 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. ➤ Application of 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. <p>Engage : Motivate your child to</p> <ul style="list-style-type: none"> ➤ Engage in creating a news report on the risk of monoculture on the world food security and bioaccumulation on the environment. 	<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 • https://www.sciencedaily.com/releases/2011/03/110330214709.htm • https://www.nature.com/news/2011/110418/full/news.2011.243.html

ARABIC (ARABS)	<p><u>TOPIC</u> كتابة نص سردي</p> <p><u>LEARNING OBJECTIVE:</u></p> <p>أن يكتب الطالب نصًا سرديًا يشمل على الشخصيات الرئيسية والثانوية والحبكة والصراع والإطار الزمني والمكاني، محددًا وجهة نظر مناسبة. أن يتعرف الأغراض البلاغية للأسلوب الخبري</p>	يكتب الطالب نصًا سرديًا متقيدًا بعناصره، متضمنًا الأسلوب الخبري	https://youtu.be/dWgNvzEXzA https://mawdoo3.com/%D9%83%D9%8A%D9%81%D9%8A%D8%A9%D9%83%D8%A%D8%A7%D8%A8%D8%A9%D9%86%D8%B5%D8%B3%D8%B1%D8%AF%D9%8A
ISLAMIC (ARABS)	<p><u>TOPIC</u> -أصحاب القرية</p> <p><u>LEARNING OBJECTIVE:</u></p> <p>يتلوا الآيات تلاوة صحيحة مجودة - يحلل قصة أصحاب القرية - يستنبط العبر والعظات من قصة أصحاب القرية</p>	يحرص على حفظ سورة يس يكتب بحثًا عن الاخلاص وعلاقته بالعمل- يكتب عن أصحاب القرية وكيف كان عقابهم من الله تعالى مع الدروس المستفادة منها	https://www.youtube.com/watch?v=VZGRgB2mHQ https://www.youtube.com/watch?v=OAebmljWLS
ARABIC (NON-ARABS)	<p><u>TOPIC</u> <u>LEARNING OBJECTIVE:</u> يستخدم الأساليب الأدبية والصور الجمالية</p> <p>يحلل النص تحليلًا أدبيًا يصف أيام الطفولة مع العائلة</p>	يجمع صور العائلة في لوحة ويكتب عنها يسجل فيديو عن ذكرياته مع العائلة	https://www.youtube.com/watch?v=hsApGQ57adI https://www.youtube.com/watch?v=dwLI8oTfwUA https://www.youtube.com/watch?v=R3ZcwVVlqCI

<p>ISLAMIC (NON-ARABS)</p>	<p><u>TOPIC</u> THE ARAB ISLAMIC CIVILIZATION</p> <p><u>LEARNING OBJECTIVE:</u></p> <ul style="list-style-type: none"> ➤ To define the term and background of the Arab Islamic Civilization. (By giving examples from history) ➤ To explore the factors that contributed to the prosperity of the Arab Islamic civilization 	<p>Activity – Motivate your child to -</p> <ul style="list-style-type: none"> ➤ Search and write down an activity about the situation of Arabic civilization before Islam and compare with Arabic civilization after Islam. 	<p>https://www.youtube.com/watch?v=gGKutuN35A0</p>
<p>PSHCEE</p>	<p><u>TOPIC - Active Citizenship</u></p> <p><u>LEARNING OBJECTIVE:</u></p> <ul style="list-style-type: none"> ➤ To identify ways on how to actively participate in the community. 	<p>Encourage your child to</p> <ul style="list-style-type: none"> ➤ Motivate your child to participate in the activities in your community. ➤ Discuss with your child the benefits of being active in the community. 	<p>https://www.youtube.com/watch?v=kiZNO_Lca8k</p>

MORAL EDUCATION	<p><u>TOPIC</u> - Ways of Protection Against Crimes</p> <p><u>LEARNING OBJECTIVE:</u></p> <ul style="list-style-type: none"> ➤ Discuss the risks and possible consequences of responsible behavior, and how it may lead to criminal punishment 	<p>Activity</p> <ul style="list-style-type: none"> ➤ Talk with your child the different ways to protect themselves against crimes. ➤ Explain the importance of knowing the numbers to call in case of emergency. 	<p>https://www.youtube.com/watch?v=TN8Ymq-Kllc</p>
ICT	<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 to explore the impact of Computer Networks in Real life.</p> <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> <p>Motivate your child to research about various network-monitoring tools and its features and create a presentation. Parents can help to analyse and do the research on different networks and discuss about the various tools to monitor different computer networks and the importance of it.</p>	<p>https://www.comparitech.com/net-admin/network-monitoring-tools/</p>
STEAM	<p><u>TOPIC</u> -3D PRINTING USING TINKERCAD</p> <p><u>LEARNING OBJECTIVE:</u></p> <ul style="list-style-type: none"> ➤ Explore about 3D Printing and their purpose in everyday life. ➤ Design 3D Model for different projects using the tinkercad application. 	<p>Encourage</p> <ul style="list-style-type: none"> ➤ Encourage your child to explore the purpose and the importance of 3D Modelling and 3D Printing. ➤ Motivate your child to research and create a report on different applications and real-life applications of 3D Printing using Tinkercad Application ➤ Parents can help to research, analyse and explore the various platforms available for 3D Printing in the UAE. 	<p>https://www.tinkercad.com/s https://i.materialise.com/blog/en/tinkercad-3d-printing-tutorial/</p>

HISTORY	<p><u>TOPIC</u> : Industrial Revolution Transport: Railways</p> <p><u>LEARNING OBJECTIVE:</u></p> <ul style="list-style-type: none"> ➤ To evaluate the impact of railways on socio-economic-political system of Britain. 	<ul style="list-style-type: none"> ➤ Help your child write an essay (critical analysis) on how revolutionary were the railways in Britain. ➤ Guide your child create a poster/ mind map on the impact of railways in Britain. 	https://www.youtube.com/watch?v=46foHFxUvC8
GEOGRAPHY	<p><u>TOPIC</u> : The Urban Development Model</p> <p><u>LEARNING OBJECTIVE:</u></p> <ul style="list-style-type: none"> ➤ To analyze the different zones of the Urban Model. 	<ul style="list-style-type: none"> ➤ Parents to discuss the advantages and disadvantages of the Burgess and Hoyt Development model ➤ Help your child create a sustainable city using any apps using the Urban development Models as the reference. 	https://www.youtube.com/watch?v=MRP2WQZT80o- https://www.youtube.com/watch?v=O9bcFlxJuLA-
UAE SOCIAL STUDIES	<p><u>TOPIC</u> : SPREAD OF CULTURES IN THE SOUTHEAST ASIA</p> <p><u>LEARNING OBJECTIVE:</u></p> <ul style="list-style-type: none"> ➤ To examine Indianisation and Islamisation in southeast Asia and analyse evidences to assess its impact on the Asian Society. 	<ul style="list-style-type: none"> ➤ Guide your child to research and analyse and evaluate the impact of Indian and Islamic culture on South east Asia 	MOE TEXT BOOK for UAE SST year 7
FRENCH	<p><u>TOPIC</u> Voyages et vacances: travel and holidays, name of countries and capital cities</p> <p><u>LEARNING OBJECTIVE:</u></p> <ul style="list-style-type: none"> ➤ Students will be able to talk about the means of transports, countries and cities while describing their past holidays 	<p>Encourage your child to do a regular work: 15- 20 minutes 4 times a week</p> <ul style="list-style-type: none"> ➤ Ask your child to speak about your last holidays, which means of transport they used during the holiday? How long they stayed? Where they went? ➤ Listen to some conversation in French using YouTube or a French radio station and ask your child about the different means of transport. ➤ You can make a poster with your child about the places to want to visit this summer. 	<p>www.francaisfacile.com</p> <p>French radio stations : http://www.rfm.fr/ http://www.nostalgie.fr/ http://www.youtube.com</p>