



The Winchester School

Year 9- Family Learning Newsletter – April - 2022

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>Topic: Language Analysis</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To enhance reading and inferential skills. 	<p>Activity:</p> <ul style="list-style-type: none"> ➤ Together with your child go through the any narrative text or short story. ➤ Choose a descriptive paragraph to identify language features. ➤ With your child identify and state how these language features affect you as a reader. 	<ul style="list-style-type: none"> ➤ 100 Great Short Stories (americanliterature.com) ➤ Poets (americanliterature.com)
MATHS	<p>Topic: Graphical Inequalities</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To draw the inequality graph and shade the region that satisfies the given inequalities. ➤ Analyse and evaluate problems on shading unwanted region in an inequality. <p>Topic: Straight line graph</p> <p>Learning Objectives:</p>	<p>Cross-curricular Activity</p> <p>Encourage your child to look into the various cross curricular applications</p> <ul style="list-style-type: none"> ➤ Speed limits on the highway, minimum payments on credit card bills, number of text messages you can send each month from your cell phone, and the amount of time it will take to get from home to school. All of these can be represented as mathematical inequalities. ➤ Often in real life we find ourselves in situations that can be represented mathematically by inequalities. For 	<ul style="list-style-type: none"> ➤ www.mathworksheets4kids.com/inequalities.php ➤ https://www.mathsisfun.com/algebra/inequality-solving.html ➤ http://www.softschools.com/math/algebra/inequalities/ ➤ https://corbettmaths.com/wp-content/uploads/2013/02/graphical-inequalities-pdf.pdf ➤ https://mathsmadeeasy.co.uk/gcse-maths-revision/graphical-inequalities-gcse-maths-revision-worksheets/ ➤ https://www.mathsisfun.com/algebra/graphing-linear-inequalities.html



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		<p>mensuration skills to calculate: -Amount of paint required to cover a certain surface area. -Fencing needed for the perimeter of a garden. -Volume of soil needed to fill in a ditch. -The distance around a circular race track.</p>	
BIOLOGY	<p>Topic: Immunity - Vaccination and Diseases</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ Describe what bacteria need to survive. ➤ Analyse bacterial growth data. ➤ Investigate the effect of antibiotics on bacteria. ➤ Explain how bacteria can become immune to antibiotics. ➤ Evaluate the impact of superbugs on our health. ➤ Describe how vaccines were discovered. ➤ Explain how vaccines prevent a viral infection. ➤ Evaluate the risks involved with vaccination. <p>Topic: Kinematics</p>	<p>Activity:</p> <ul style="list-style-type: none"> ➤ Motivate your child to describe the requirements needed for bacterial growth. ➤ Encourage your child to research and develop a logistic model to describe bacterial growth. ➤ Encourage your child to create an animated video to explain how bacteria become resistant to certain antibiotics. ➤ Ask your child to create a presentation on how vaccines are made. ➤ Tell your child to conduct a survey in your community to find out some diseases caused by microbes. 	<ul style="list-style-type: none"> ➤ https://revisionworld.com/gcse-revision/biology/human-body/immunisation-vaccination ➤ https://amrls.cvm.msu.edu/pharmacology/antimicrobials/effect-on-bacteria ➤ http://www.immunizeforgood.com/vaccines/how-vaccines-are-made ➤ http://www.physicsclassroom.com/class/1DKin/Lesson-1/Speed-and-Velocity ➤ http://www.bbc.co.uk/schools/gcsebit/size/science/add_aqa/forces/forces_motionrev1.shtml



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<p>PHYSICS</p>	<p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To define speed can be determined by measuring distance travelled and time taken➤ Plot and interpret a speed/time or a distance/time graph➤ Recognize from the shape of a speed/time graph when a body is<ul style="list-style-type: none">- at rest- moving with constant speed➤ Calculate acceleration from speed/time graph. <p>Topic: Heat Energetics of a reaction</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To outline the meaning of exothermic and endothermic reactions.➤ To interpret energy level diagrams showing exothermic and endothermic reactions.	<ul style="list-style-type: none">➤ Ask your child to research on speed limit restrictions on roads and the needs to have them.➤ Encourage the child to draw speed time graphs and use them to calculate distance and speed.➤ Motivate the child to compare distance time graphs with speed time graphs➤ Motivate the child to discuss about acceleration and how it affects speed.	<ul style="list-style-type: none">➤ https://www.youtube.com/watch?v=yJkyzzBryEM➤ https://www.khanacademy.org/science/physics/one-dimensional-motion/acceleration-tutorial/a/what-are-acceleration-vs-time-graphs➤ https://www.youtube.com/watch?v=eJXL01rbtqE➤ https://www.youtube.com/watch?v=4HS6D0hTzdg➤ GCSE Chemistry - Exothermic and Endothermic Reactions #36 - YouTube➤ https://www.bbc.co.uk/bitesize/guide/s/zwd2mp3/revision/5➤ https://www.wikihow.com/Balance-Chemical-Equations➤ https://www.youtube.com/watch?v=bSlqA8nedGQ
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CHEMISTRY	<p>Topic: Rock cycle</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">Describe how three types of rocks are formed. <p>Topic: Balancing equations</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">To construct word equations and simple balanced chemical equations.	<p>Activity:</p> <ul style="list-style-type: none">Discuss with your child what do they understand by exothermic and endothermic reactions. Research on what are the different ways to investigate this type of reaction.Discuss with your child about the different types of rocks, how are they formed, and give examples.Talk to your child about the real-life uses of different types of rocks.Discuss with your child to give some real-life examples of chemical reactions and try to balance that equation. Examples are combustion, neutralization, photosynthesis	<ul style="list-style-type: none">https://www.youtube.com/watch?v=quOFYOpdl0https://www.youtube.com/watch?v=kXV7D89S9sc
ARABIC (Arabs)	<p>Topic: الفكاهة وصناعة الضحك</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">أن يحدد الفكر الرئيسة مع أدلتهاأن يقيم مدى كفاية الأساليب ودقتهاأن يكتب نصًّا معلوماتيًّا عن فوائد الضحك للإنسان	<p>يكتب الطالب نصًّا معلوماتيًّا عن فوائد الضحك للإنسان</p>	<ul style="list-style-type: none">https://www.youtube.com/watch?v=dLV7lwKRly0



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	<p>Topic: التوكيد</p> <p>Learning Objectives:</p> <p>أن يتعرف نوعي التوكيد</p> <p>أن يوظفهما في مواقف حياتية</p> <p>أن يكتب فقرة مستخدمًا التوكيد بنوعيه</p>	<p>يكتب الطالب فقرة مستخدمًا نوعي التوكيد</p>	<p>➤ https://www.youtube.com/watch?v=5j ugPwDA_d4</p>
<p>ISLAMIC STUDIES (Arabs)</p>	<p>Topic: لا للانتحار -تبشير وتحذير</p> <p>Learning Objectives:</p> <p>يشرح المعنى العام للحديث</p> <p>يستنتج الهدايات الواردة في الحديث</p> <p>يبين العلاقة بين الايمان بالله وخشيته في السر والعلن</p> <p>يستنتج آثار ستر الاعمال المنهي عنها</p> <p>يستنبط أسباب الستر</p>	<p>يكتب بحثًا عن خطورة المخدرات</p> <p>يكتب موضوعا عن نظرة الإسلام للعقل البشري</p> <p>يكتب بحثًا عن نظرة الإسلام للانتحار</p>	<p>https://www.youtube.com/watch?v=6Cq6 E9oEGUc</p> <p>https://www.youtube.com/watch?v=s6crF MJAvgv</p>



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	<p>يشرح المعنى العام للحديث الشريف يستنتج الهدايات الواردة في الحديث يبين مكانة النفس الانسانية في الاسلام يقترح حولا لمشكلة الانتحار بيدي رأيه في الانتحار</p>		
<p>ARABIC (Non- Arabs)</p>	<p>Topic: Media</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To define the types of media.➤ To classify the old and new media.➤ To compare the old and new media.➤ To describe the old and new media.➤ To explain the importance of media.➤ To explain the influence of the media on the personality of the individual.➤ To explain the influence of the media on society.➤ To distinguish between the advantages and disadvantages of the media.➤ To use literary and rhetorical methods to describe the media.	<p>Activity: motivate your child to-</p> <ul style="list-style-type: none">➤ Make a video about the types of media.➤ Design a mental diagram for the media.➤ Write a letter to your friend to describe the media.➤ Write an article on the importance of media.➤ Publish a post on Facebook.➤ Tweet about the media.➤ Create a tag about the importance of media.➤ Make a dialogue about the media.	<p>https://www.youtube.com/watch?v=FYDmjPdBiU</p> <p>https://www.youtube.com/watch?v=iP2xR7ZGBII</p> <p>https://www.youtube.com/watch?v=b0gwx7-JFtw</p> <p>https://www.youtube.com/watch?v=Q3Zrq2OaPtY</p>



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	<ul style="list-style-type: none"> ➤ To deduce the benefits of media in our life. 		
<p>ISLAMIC STUDIES (Non- Arabs)</p>	<p>Topic: Hajj-Intellectual tolerance</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To explain the meaning and ruling of Hajj ➤ To identify types and rites of Hajj ➤ To explain the pillars of Hajj, its duties and sunnah practices ➤ To explain the concept of intellectual tolerance ➤ To explain the effects of intellectual tolerance on the individual and on the society. ➤ To infer evidences in support intellectual tolerance ➤ To embrace and call for tolerance. 	<p>Encourage your child to -</p> <ul style="list-style-type: none"> ➤ Clarify the meaning and ruling of Hajj ➤ Count the types and rites of Hajj ➤ Clarify the pillars of Hajj, its duties and sunnah practices ➤ Clarify the concept of intellectual tolerance ➤ Clarify the effects of intellectual tolerance on the individual and on the society. ➤ Use evidences in support intellectual tolerance ➤ Convince others with tolerance. 	<p>https://www.youtube.com/watch?v=UWJTCi8UofA</p> <p>https://www.youtube.com/watch?v=UWJTCi8UofA</p> <p>https://www.youtube.com/watch?v=ZeLjS-McoU</p> <p>https://www.youtube.com/watch?v=fngsHQ-Zv5s</p>



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PSHCEE	<p>Topic: Active Citizenship</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To discuss the importance of being active in the community. ➤ To explore the ways where students can volunteer in the community 	<p>Discuss with your child,</p> <p>what active citizenship and volunteering are and how you have participated in them in your life</p>	<p>https://www.youtube.com/watch?v=kiZNO_Lca8k&t=4s</p>
MORAL EDUCATION	<p>Topic: Morality in the Context of States</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To explore the concept of government and state and examine the characteristics and qualities of good government. 	<ul style="list-style-type: none"> ➤ Along With your child, make a poster stating a set of laws and consequences that will guide your family. ➤ Discuss the characteristics of good governance with your children. 	<p>https://u.ae/en/about-the-uae</p>
HISTORY	<p>Topic: World War II</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To analyse the short term causes of WWII 	<p>Activity:</p> <ul style="list-style-type: none"> ➤ Help your child write answers to the following questions: ➤ The Nazi-Soviet pact was more responsible than appeasement for the cause of WWII' <p style="text-align: right;">How</p>	<p>www.educationquizzes.com/ks3/history http://www.historyextra.com</p> <p>https://schoolhistory.co.uk/resources/year/ks3</p> <p>www.bbc.com/bitesize/guides/z9s9q6f/revision/2</p>



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		<p>far do you agree to this statement? Explain your answer.</p> <p>➤ Was appeasement policy justified? Explain your answer.</p>	
GEOGRAPHY	<p>Topic: Earthquake</p> <p>Learning Objectives:</p> <p>➤ To examine the management of an earthquake in LEDC & MEDC to minimize the losses.</p>	<p>Activity:</p> <p>➤ Help your child compare the management of earthquakes in LEDC and MEDC and create a plan for better management.</p>	<p>https://www.usgs.gov/natural-hazards/earthquake-hazards/earthquakes</p> <p>https://oceanservice.noaa.gov/facts/tsunami.html</p> <p>https://kids.nationalgeographic.com/science/article/earthquake</p>
UAE SOCIAL STUDIES	<p>Topic: Geography of North Africa</p> <p>Learning Objectives:</p> <p>➤ To use mapping skills and plot the various locations in North Africa</p>	<p>Activity: Encourage your child to -</p> <p>➤ Along with the knowledge of the different places on the map help your child reflect on how and why French, British or Italian colonialism in North Africa changed the political map of North Africa.</p>	<p>YEAR 9 UAE SST MOE TEXT BOOK</p>



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<p>FRENCH</p>	<p>Topic: Faire le shopping</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To make a dialogue in different stores, facing different daily life situations and problems to solve. <p>Topic: On voyage en avion</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To name places and services at the airport➤ To ask and answer questions seeking information at the airport.	<p>Activity:</p> <p>Listening comprehension:</p> <p>http://www.youtube.com/watch?v=M5_zhal9tbA&feature=youtu.be</p> <p>Reading comprehension:</p> <p>http://www.podcastfrancaisfacile.com/podcast/2013/05/au-marche-faire-ses-courses-dialogue-file-francais-apprendre-learn.htm</p> <ul style="list-style-type: none">➤ Read and listen and answer the given activity: <p>http://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-8086.php<ul style="list-style-type: none">➤ Grammar practice:<p>http://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-17134.php</p></p>	<p>www.tv5monde.org</p> <p>www.youtube.com</p> <p>www.french-games.net</p> <p>www.language-gym.com</p> <p>www.francais.lingolia.com.fr</p> <p>www.francaisfacile.com</p> <p>www.linguascope.com</p> <p>www.lepointdufle.net</p>
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ICT	<p>Topic: Blockchain Technology</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To elaborate the working of blockchain technology, it's safety and varied applications.	<p>Activity: Motivate your child to</p> <ul style="list-style-type: none">➤ To sketch the scenario on the e working of blockchain technology.➤ Discuss the real life example where blockchain technology can be implemented	<p>https://www.freecodecamp.org/news/blockchain-explained-by-trying-to-pass-a-high-school-math-class-2322c01ece48/</p>
STEAM	<p>Topic: Shadow Theatre</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ Explore and explain on how the shadows are formed.	<p>Along with your child –</p> <ul style="list-style-type: none">➤ Investigate how shadows change at different times of day due to the angle of light from the Sun.➤ Integrate and exhibit learning by creating a 'shadow puppet theatre' in SAM Space.	<p>https://samllabs.com/us/solutions/</p>