



The Winchester School

Year 9- Family Learning Newsletter – March - 2022

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>Topic: Symbolism and Imagery</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To introduce symbolism, imagery and other figurative devices.➤ To compose interview.	<p>Activity: Family task</p> <p>In the light of this learning, as a family, you could create a family portrait on a chart. However, each member of the family will be represented by an animal of their choice. Each member will then provide justification and reason for their choice. Help your child do a write up on the explanations.</p> <p>Imagine you are interviewing the designer of your favourite pavilion at Expo 2020. Think of at least three open ended and reflective questions that revolve around the idea behind the respective pavilion and the country's ideology.</p>	<ul style="list-style-type: none">➤ https://study.com/academy/lesson/symbolism-imagery-in-literature-definitions-examples.html➤ https://balroop2013.wordpress.com/2018/04/22/symbolism-and-imagery-in-poetry/➤ https://www.theroadreel.com/museum-visit-pavilions-dubai-expo2020/



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MATHEMATICS	<p>Topic: Inequalities</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To list integers that satisfy an inequality and solve more complex linear inequalities. ➤ Analyze and evaluate the compound inequality and represent answer on the number line. ➤ Analyse the problem and apply the correct inequality signs when dividing with negative numbers. <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. ➤ Analyze and evaluate problems on shading unwanted region in an inequality. 	<p>Activities: Motivate your child to</p> <p>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.</p> <p>Real Life:</p> <p>Often in real life we find ourselves in situations that can be represented mathematically by inequalities. For example, if we want to take a taxi, we may find that the charge is £1.50 standard charge plus 50p per mile. If we only have £20, then we can describe the situation with the following inequality: $£1.5 + £0.5M \leq £20$</p>	<ul style="list-style-type: none"> ➤ www.mathworksheets4kids.com/inequalities.php ➤ http://www.softschools.com/math/algebra/inequalities/ ➤ https://www.mathsisfun.com/algebra/inequality-solving.html ➤ https://www.mathsisfun.com/measure/compass-north-south-east-west.html ➤ https://www.mathsisfun.com/algebra/graphing-linear-inequalities.html
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	<p>Topic: Bearings</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To apply bearings to calculate the measure of angles➤ To list the features of bearings➤ To draw bearings and calculate the distance from a given point	<p>Encourage your child to think why do we need true bearings.</p> <p>Compass bearings are used as methods of navigation in relation to the north direction by angles. They help locate objects or positions within a two-dimensional plane, such as a map or diagram. Bearings indicate a straight line from one position to another. To measure the position of an object by measuring the angle of rotation from due North. This method is helpful in surveying and air navigation to find the location of an object.</p>	<ul style="list-style-type: none">➤ 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://corbettmaths.com/wp-content/uploads/2015/03/bearings-answers.pdf
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. <p>Topic: Physical and chemical reactions:</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.	<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



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Chemistry	<p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To identify physical and chemical changes and understand the differences between them. <p>Topic: Rate of reaction</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To identify the different factors affecting the rate of a reaction.➤ To outline the effects of concentration, particle size temperature and catalysts on the rate of a reaction.➤ To understand what catalyst are and give their real life uses.➤ To plan and investigate explain the effects of concentration, particle size, temperature and catalysts on the rate of a reaction. <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.	<ul style="list-style-type: none">➤ Read the context and summarise your understanding writing at least 5 points. <p>https://www.thoughtco.com/physical-and-chemical-changes-examples-608338</p> <ul style="list-style-type: none">➤ Discuss with your child about what do they understand by slow, fast and very fast reaction. How do you measure rate of a chemical reactions.➤ Talk to your child what are the different factors, which would affect rate of a chemical reaction.➤ Discuss with them the difference between physical and chemical reactions with suitable examples. <ul style="list-style-type: none">➤ Discuss with your child about what do they understand by the terms exothermic and endothermic reactions. Research on what are the	<ul style="list-style-type: none">➤ https://www.thoughtco.com/physical-and-chemical-changes-examples-608338➤ www.chem4kids.com/files/react_rates.html➤ http://www.bbc.co.uk/schools/gcsebitesize/science/add_edexcel/chemical_reactions/rate_srev2.shtml <ul style="list-style-type: none">➤ What Are Endothermic & Exothermic Reactions Chemistry FuseSchool - YouTube➤ https://www.youtube.com/watch?v=4HS6D0hTzdg
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	<p>أن يكتب الطالب مقالاً في صفة ألفاظ اللغة العربية وجمالها</p> <p>Topic: الأفعال التي تنصب مفعولين أصلهما مبتدأ وخبر</p> <p>Learning Objectives:</p> <p>أن يتعرف الطالب الأفعال التي تنصب مفعولين أصلهما مبتدأ وخبر</p> <p>أن يعربها مع مفعوليهما</p> <p>أن يضمنها في كتاباته</p>	<p>يكتب الطالب فقرات تتضمن الأفعال التي تنصب مفعولين أصلهما مبتدأ وخبر</p>	<p>8%A7%D8%AA-%D8%A7%D9%84%D8%B3%D8%A7%D9%85%D9%8A%D8%A9-%D8%A7%D9%86%D8%AA%D8%B4%D8%A7%D8%B1%D8%A7%D9%8B-384297.html</p> <p>https://www.youtube.com/watch?v=kNBB8NquQSw</p>
ISLAMIC STUDIES (Arabs)	<p>Topic: -الايمان فضل من الله تعالى- سورة الواقعة 1</p> <p>Learning Objectives:</p> <p>أن يوضح الهدايات الواردة في الآيات</p> <p>أن يستنتج أثر الايمان على الفرد والمجتمع</p> <p>أن يحرض على الاعمال التي تدخله الجنة</p>	<p>أن يكتب بحثاً عن التقوى وأثرها على الأفراد والمجتمع</p> <p>أن يكتب بحثاً عن فضل الاعمال الصالحة على الفرد والمجتمع</p> <p>أن يكتب موضوعاً عن صفة أهل الجنة</p>	<p>https://www.youtube.com/watch?v=GmH3uXpRjmA</p> <p>https://www.youtube.com/watch?v=WQgMQwaY1A4</p>
ARABIC (Non- Arabs)	<p>Topic: Weather and life</p> <p>Learning Objectives:</p> <p>➤ To describe spring weather.</p>	<p>Activities : encourage your child to</p> <p>➤ Create a dialog about the weather.</p> <p>➤ Video about the weather in the Emirates.</p>	<p>➤ https://www.youtube.com/watch?v=LtYUzVw3B78</p> <p>➤ https://www.youtube.com/watch?v=Qg0Qymu0gpE</p>



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	<ul style="list-style-type: none"> ➤ To identify the advantages and disadvantages of spring. ➤ To compare the spring season in the Emirates and his country. ➤ To use literary methods and rhetoric in describing the spring season. ➤ To describes the fall season. ➤ To identify the advantages and disadvantages of the fall season ➤ To write creative writings about the weather in the seasons. ➤ To compare the seasons of the year in the Emirates. 	<ul style="list-style-type: none"> ➤ Design a program for tourists to visit the Emirates in the seasons of the year. ➤ Design a mind map for each season of the year. ➤ Write a weather report. ➤ Write a letter to a friend about the weather in the Emirates. ➤ To write an article about the weather. 	<ul style="list-style-type: none"> ➤ https://www.youtube.com/watch?v=xw1oy7lbpDw ➤ https://www.youtube.com/watch?v=53oHBQt1nHg ➤ https://www.youtube.com/watch?v=UVO3KggKkYw ➤ https://www.youtube.com/watch?v=5HP4jldyE28
ISLAMIC STUDIES (Non- Arabs)	<p>Topic: Bearing good news and warning</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To conclude the guidelines contained in the holy hadith. <ul style="list-style-type: none"> ➤ To indicate the relationship between belief in Allah and fear of Him in private and in public. 	<p>Activities : Motivate your child to</p> <ul style="list-style-type: none"> ➤ Make research about spreading the good manners in the society and the effects of it. ➤ Debate about is the bad deeds in the society is personal freedom or society rights. 	<ul style="list-style-type: none"> ➤ http://www.guranreading.com/blog/importance-of-manners-in-islam-according-to-quran-and-sunnah/ ➤ https://www.youtube.com/watch?v=qFM4r5oO-3c



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PSHCEE	<p>Topic: Making Choices</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To be able to discover, discuss and apply ideas to make good decisions and reflect on their abilities and areas for improvements.	<p>Activities :</p> <p>Encourage your child to learn more about the skills they need in life and ,themselves and how best to develop and ,work demonstrate these as they identify and apply for jobs that are a good fit for their interests and skills. ,personality</p>	<ul style="list-style-type: none">➤ https://www.corporatewellnessmagazine.com/article/5-steps-to-good-decision-making
MORAL EDUCATION	<p>Topic: Understanding the Growth of Government in the UAE</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To understand the state and government of the UAE➤ To describe the key characteristics of good government.	<p>Encourage your child to learn more about the laws of the UAE</p>	<ul style="list-style-type: none">➤ http://gulfnews.com/news/uae/society/six-leaders-and-how-they-helped-shape-uae-1.1937162
HISTORY	<p>Topic: League of Nations</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To examine the reasons why the League of Nations failed.	<p>Activities :</p> <ul style="list-style-type: none">➤ Research along with your child on the following events that is reasons why LON was a Failure: The Corfu Incident 1923	<ul style="list-style-type: none">➤ https://www.youtube.com/watch?v=U5j0hgj7bug➤ https://www.youtube.com/watch?v=71zMKswbJJM



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		The Japanese invasion of Manchuria 1931	
GEOGRAPHY	Topic: Earthquake Learning Objectives: <ul style="list-style-type: none">➤ To examine the management of an earthquake in LEDC & MEDC to minimize the losses.	Activities : <ul style="list-style-type: none">➤ Help your child compare the management of earthquakes in any LEDC and MEDC of your choice and create a plan for better management.	<ul style="list-style-type: none">➤ https://www.volcanodiscovery.com/earthquakes/today.html➤ https://www.bbc.co.uk/bitesize/guides/ztp2k7h/revision/1#:~:text=An%20earthquake%20is%20the%20shaking,released%20from%20inside%20the%20crust.&text=Earthquake%20energy%20is%20released%20in%20seismic%20waves.
UAE SOCIAL STUDIES	Topic: American civil war and reconstruction Learning Objectives: <ul style="list-style-type: none">➤ To assess the impact of the American Civil war.	Activities : <ul style="list-style-type: none">➤ Guide your child find answers to the following questions:➤ Why did Mexico and the US fight the Mexican American War?	UAE SST MOE Textbook for year 9



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		<p>➤ What activities in the Southern states would threaten the economic stability of the Northern States?</p>	
FRENCH	<p>Topic: Shopping:</p> <p>Learning Objectives:</p> <p>➤ To make a role play in a store, facing different daily life situations and problems to solve</p>	<p>Activities : Inspire your child to</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-fle-francais-apprendre-learn.html</p> <p>To write a dialogue between you and a seller in the supermarket while</p> <p>You were shopping, don't forget to use the conditional mode.</p> <p>Challenge: make a role play following the instruction:</p>	<p>➤ www.tv5monde.org</p> <p>➤ www.language-gym.com</p> <p>➤ www.youtube.com</p> <p>➤ www.francaisfacile.com</p> <p>➤ www.linguascope.com</p> <p>➤ www.lepointdufle.net</p> <p>➤ www.french-games.net</p> <p>➤ www.atantot-extra.co.uk</p> <p>vocabulary games</p> <p>➤ www.languagesonline.org.uk</p> <p>good for vocabulary and grammar</p>



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		<p>Vous avez acheté un pantalon mais il y a un problème. Vous voulez échanger le pantalon. Vous retournez au magasin.</p>	
ICT	<p>Topic: Blockchain Technology</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ Analyse and evaluate about use and working of blockchain technology in real life.➤ Differentiate between Centralised ledger and Distributed ledger.	<p>Activities : Motivate your child to</p> <ul style="list-style-type: none">➤ Analyse how to build a blockchain when some wants to send money from point A to point B.➤ Create a model to explain the flow of Blockchain.	<p>➤ https://www.simplilearn.com/tutorials/blockchain-tutorial/blockchain-technology</p>



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STEAM	<p>Topic: Sam Lab_Water Cycle</p> <p>Learning Objectives: Recognize that the gravitational force exerted by Earth on objects pulls them downwards.</p> <ul style="list-style-type: none">➤ Evaluate how the atmosphere, hydrosphere, geosphere and biosphere interact with each other within the water cycle.	<p>Activities : Encourage your child to -</p> <ul style="list-style-type: none">➤ Analyse depending on the difference in mass between the objects, the speed with which they fall will vary. "Why do objects with a greater mass fall faster?"➤ Create a model to represent water at different stages of the water cycle	<ul style="list-style-type: none">➤ https://samllabs.com/us/get-started-with-steam/
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