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Year 9- Family Learning Newsletter – May – 2024

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SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>Topic: Language Analysis</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To analyse methods a writer/screen writer uses to create an effect. 	<p>Activity: Encourage your child to</p> <ul style="list-style-type: none"> ➤ Watch any memorable or emotionally charged scene from any of the Marvel or DC Series as per your child's preference. ➤ Focus on the above-mentioned scene and in a paragraph jot down the dominant feeling that arises in the audience's heart as they watch the scene. Ask your child to examine how and why the stated feeling has been evoked in the viewer. ➤ At least 3 evidences that evoke emotion in the reader need to be selected from the scene and explained. 	<ul style="list-style-type: none"> ➤ https://www.allassignmenthelp.com/blog/language-analysis-get-blown-away-by-useful-clues/
MATHS	<p>TOPIC: Algebra: Simultaneous Equations</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"> • Apply algebraic skills to solve the equations to find two unknown values. 	<p>Activities: Encourage your child to complete the following</p> <ul style="list-style-type: none"> ➤ Cross Curricular Links: P.E. –problem solving English- basic arithmetic Art- shape and space Media - Graphics ➤ The most common real-life example of using probability is weather forecasting. Probability is 	<ul style="list-style-type: none"> • https://corbettmaths.com/2019/09/05/simultaneous-equations-practice-questions/ • https://www.mathsisfun.com/data/probability.html



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	<p>TOPIC: Probability</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"> ➤ Analyse the occurrence of an event and to apply the formula for find the probability of that event. ➤ Calculate independent probability using a tree diagram. ➤ Use probability tree diagrams to solve probability from 2 independent events. ➤ Calculate conditional probability using tree diagrams. 	<p>used by weather forecasters to assess how likely it is that there will be rain, snow, clouds, etc. on a given day in a certain area.</p> <ul style="list-style-type: none"> ➤ Probability is widely used in all sectors in daily life like sports, weather reports, blood samples, medical field predicting the growth baby in the womb, congenital disabilities, statics, and many others. ➤ Probability is the mathematical term for the likelihood that something will occur, such as drawing an ace from a deck of cards or picking a green piece of candy from a bag of assorted colours. You use probability in daily life to make decisions when you don't know for sure what the outcome will be. 	<ul style="list-style-type: none"> • https://www.mathworksheets4kids.com/probability.php • https://corbettmaths.com/2019/09/02/probability-practice-questions/ • https://www.softschools.com/math/probability_and_statistics/probability_games/
<p style="text-align: center;">BIOLOGY</p>	<p>Topic: Immunity - Vaccination and Diseases</p> <p>LEARNING OBJECTIVES: Describe how diseases are spread.</p>	<p>Activities:</p> <ul style="list-style-type: none"> ➤ Motivate your child to make PowToon, Prezi or google slides presentation on spread of diseases, their control and prevention. ➤ Encourage your child to research to describe bacterial growth. Create an animated video to 	<ul style="list-style-type: none"> • https://www.gavi.org/vaccineswork/there-are-four-types-covid-19-vaccines-heres-how-they-work



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	<ul style="list-style-type: none"> ➤ Consider ways of reducing the spread of specific diseases. ➤ Describe how the body resists infection. ➤ Investigate bacterial growth in different conditions. ➤ 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 	<p>explain how bacteria become resistant to certain antibiotics.</p> <ul style="list-style-type: none"> ➤ Encourage your child to create a presentation on how cleaning products can kill germs. ➤ Motivate your child to conduct an online survey in your community to find out how Covid -19 can be prevented and cured. 	<ul style="list-style-type: none"> • The Immune System - Vaccination (GCSE Biology) - Study Mind • How antibiotics and vaccines work - Health and disease - KS3 Biology - BBC Bitesize
CHEMISTRY	<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>Activities:</p> <ul style="list-style-type: none"> ➤ Motivate your child to give some real-life examples of chemical reactions. Examples combustion, neutralisation, photosynthesis, displacement reactions and try to balance the equations using the rules to balance equations. 	<ul style="list-style-type: none"> • https://www.wikihow.com/Balance-Chemical-Equations • Balancing Chemical Equations - Chemical Equations Conservation of Mass - PhET Interactive Simulations (colorado.edu)



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	<p>Topic: Ceramics, Polymers and Composites</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To have a knowledge and understanding of examples, uses and structure of the types of materials – polymers, ceramics or composites. 	<ul style="list-style-type: none"> ➤ Encourage your child to discuss about Ceramics and Polymers. What is their composition, properties, how are they useful in real life? ➤ Motivate your child to discuss about the different types of polymers, how are they made and their uses based on their composition. ➤ Encourage your child to identify the difference between synthetic and natural polymers and provide appropriate examples. ➤ Encourage your child to explore the given link and make a summary of their understanding about ceramics and composition. 	<ul style="list-style-type: none"> • Balancing Chemical Equations Simulator SimPop • 10.3.3 Ceramics, Polymers & Composites AQA GCSE Chemistry Revision Notes 2018 Save My Exams
PHYSICS	<p>Topic: Speed- time graph</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ Plot and interpret a speed/time or a distance/time graph. 	<p>Activities: Encourage your child to</p> <ul style="list-style-type: none"> ➤ Draw speed time graphs and use them to calculate distance and speed. ➤ Compare distance time graphs with speed time graph. ➤ Research on speed limit restrictions on roads and the needs to have them. ➤ Discuss about acceleration and how it affects speed. 	<ul style="list-style-type: none"> • http://www.bbc.co.uk/schools/gcsebitesize/science/add_aqa/forces/forcesmotionrev1.shtml • http://www.physicsclassroom.com/class/1DKin/Lesson-1/Speed-and-Velocity



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	<p>➤ Recognize from the shape of a speed/time graph when a body is at rest moving with constant speed.</p> <p>Topic: Investigation- Acceleration</p> <p>Learning Objectives:</p> <p>➤ Plan and investigate acceleration using a trolley and ramp.</p>	<p>➤ Research on acceleration and investigate and explain certain pieces of equipment or sources of information are the right choice for an investigation.</p> <p>➤ Apply various precise equipment and design appropriate table to record accurate results use calculation and present data to draw conclusion</p>	<ul style="list-style-type: none">• http://www.bbc.co.uk/schools/gcsebitesize/science/add_aqa/forces/forcesmotionrev1.shtml• https://www.khanacademy.org/science/physics/one-dimensional-motion/acceleration-tutorial/a/what-are-acceleration-vs-time-graphs• https://www.bbc.co.uk/bitesize/guides/zgv797h/revision/5
Arabic for Aras	<p>Topic: سيرة تعلمت من أوقات الفراغ العدد تذكره وتأتيه</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• تحديد الفكرة العامة والأفكار الفرعية للسيرة.• تفسير مفردات السيرة.• بيان دلالات بعض العبارات في السيرة.• يتعرف أحكام مطابقة العدد للمعدود في التذكير والتأنيث.• يُعرِب العدد والمعدود إعرابًا صحيحًا.	<p>Activities:</p> <ol style="list-style-type: none">1. يقيم السيرة وأسلوب الكاتب من وجهة نظره.2. يتخرج بعض الصور الفنية في السيرة.3. يشرح دلالات بعض العبارات في السيرة.4. يبين أحكام مطابقة العدد للمعدود.5. يعرب العدد والمعدود إعرابًا تامًا.	<ul style="list-style-type: none">• https://seraj-uae.com/file/1553/• https://uae-school.com/archives/10702



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<p>ISLAMIC STUDIES (Arabs)</p>	<p>Topic: التقليد الأعمى لا ضرر ولا ضرار الإمام أحمد بن حنبل</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• يوضح المقصود بالتقليد الأعمى• يعدد مخاطر التقليد الأعمى• يوضح الهدايات الواردة في الحديث• يعرف بالإمام أحمد بن حنبل• يفسر سبب اختلاف الفقهاء	<p>Activities:</p> <ul style="list-style-type: none">• عمل بحث عن خطورة التقليد الأعمى• البحث في كتب السنة عن الأحاديث الواردة في هذا الموضوع• عمل بطاقات ورقية تلخص سيرة الإمام أحمد بن حنبل	<ul style="list-style-type: none">• https://uae-school.com/archives/50814• https://uae-school.com/archives/33533• https://uae-school.com/archives/40036
<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.	<p>Activities: Encourage 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.	<ul style="list-style-type: none">• https://read.kutubee.com/book/book_1060/read?mode=student• https://read.kutubee.com/book/book_1062/read?mode=student• موضوع تعبير عن وسائل الإعلام• أنواع وسائل الإعلام - موضوع



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	<ul style="list-style-type: none"> ➤ To distinguish between the advantages and disadvantages of the media. ➤ To explain the influence of the media on the personality of the individual. ➤ To use literary and rhetorical methods to describe the media. ➤ To deduce the benefits of media in our life. ➤ To explain the influence of the media on society. 	<ul style="list-style-type: none"> ➤ Tweet about the media. ➤ Create a tag about the importance of media. 	
<p>ISLAMIC STUDIES (Non- Arabs)</p>	<p>Topic: social laws in the Holy Quran</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ Evaluate some devine laws. ➤ Explain the effect of devine social laws in societies. <p>Topic: Sharia Rule</p> <ul style="list-style-type: none"> ➤ To explain the concept of Sharia Rule and its Five purposes 	<p>Activities:</p> <ul style="list-style-type: none"> ➤ Encourage your child to research about effects of social laws of Quran on society. ➤ Motivate your child to research about the consequences of the purposes of sharia on their life. 	<ul style="list-style-type: none"> ● PDF Viewer - Chrome Web Store ● https://www.islamicity.org/8569/objectives-of-sharia/



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PSHCEE	<p>Topic: Homelessness and Bullying</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To define the word homelessness ➤ To describe a homeless person ➤ To examine the causes of homelessness ➤ To discuss the impact of bullying and cyberbullying, as well as exploring appropriate ways of responding to discriminating, hurtful or intimidating behaviour. 	<p>Activities:</p> <ul style="list-style-type: none"> ➤ Discuss with your children the reasons why people become homeless. ➤ Motivate your children to show kindness to those people who have lost their home ➤ Discuss with your children the danger of bullying and how it affects the lives of people 	<ul style="list-style-type: none"> ● Homelessness Definition, Scope, & Causes Britannica ● What is bullying?: Violence, Harassment and Bullying Fact sheet Australian Human Rights Commission
MORAL EDUCATION	<p>Topic: Can I see beyond appearances</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To understand the cycle of bias and discrimination and how it can be overcome 	<p>Activities:</p> <ul style="list-style-type: none"> ➤ Together with your child discuss how travel helps people overcome prejudice ➤ Motivate your child to research stereotypes with special focus on the question “What we have heard and what we have heard are poles apart. Why is that?” ➤ Encourage your Child to research the world and other people in it at any other time in history. 	<ul style="list-style-type: none"> ➤ https://www.simplypsychology.org/prejudice.html



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<p>HISTORY</p>	<p>Topic: The Great Depression: League of Nation</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To examine the failure of League of Nations because of Great Depression.	<p>Activities: Motivate your child to</p> <ul style="list-style-type: none">➤ Interpret the political cartoon of Manchurian and Abyssinian Crisis.➤ How far the failure of Manchuria and Abyssinia can be traced back to Great Depression.	<ul style="list-style-type: none">• www.educationquizzes.com/ks3/history• http://www.historyextra.com
<p>GEOGRAPHY</p>	<p>Topic: Soil</p> <p>Learning OBJECTIVES:</p> <ul style="list-style-type: none">➤ To examine the process of soil formation	<p>Activities: Motivate your child to answer the following questions:</p> <ul style="list-style-type: none">➤ Although it is below the ground, the bedrock is still being weathered. Explain how ?➤ Imagine yourself as a rock which is being weathered to turn into soil. Choose one of the weathering processes and narrate your journey from a rock to soil through a story or a cartoon strip.	<ul style="list-style-type: none">• https://www.nrcs.usda.gov/resources/education-and-teaching-materials/what-is-soil#:~:text=soil%20%2D%20Soil%20is%20a%20natural,of%20additions%2C%20losses%2C%20transfers%2C



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<p>UAE SOCIAL STUDIES</p>	<p>TOPIC: Achievements and contributions of Sultan Suleyman I</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"> ➤ To examine the various achievements and contributions of Sultan Suleyman I 	<p>Activities: Encourage your child to</p> <ul style="list-style-type: none"> ➤ Research to compare the Suleymaniye mosque and Kulliyese Complex with St. Peters Basilica in Vatican City complex in Rome. 	<ul style="list-style-type: none"> ➤ Yr 9 MOE UAE SST Text Book
<p>FRENCH</p>	<p>Topic: Au magasin de vêtements</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ➤ To formulate a dialogue in a clothing store, practising how to select, ask questions about, and purchase clothing items, considering factors such as size, fit, material, and style preferences, facing different daily life situations and problems to solve. <p>Topic: Acheter un cadeau</p>	<p>Activities: Encourage your child to complete the following activities.</p> <p>Reading & listening comprehension:</p> <ul style="list-style-type: none"> ➤ https://www.podcastfrancaisfacile.com/dialogue/acheter-des-vetements.html <p>Reading comprehension:</p> <ul style="list-style-type: none"> ➤ https://thelanguageskitchen.com/boutique-vetements/ ➤ https://www.podcastfrancaisfacile.com/dialogue/cadeau-danniversaire.html <p>Grammaire:</p>	<ul style="list-style-type: none"> ➤ Encourage your child to dedicate 10 to 15 minutes each day to exploring the following websites, which will help them enrich their knowledge and enhance their linguistic abilities. <ul style="list-style-type: none"> • www.languagenut.com/ • www.francaisfacile.com • www.tv5monde.org • www.language-gym.com • www.french-games.net • www.francais.lingolia.com.fr



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	<p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To construct a dialogue in a gift shop, practising how to choose, inquire about, and purchase a gift while addressing specific preferences, budget constraints, and cultural considerations.	<ul style="list-style-type: none">➤ https://lingoculture.com/blog/grammar/ce-cet-cette-ces-adjectifs-demonstratifs/	
ICT	<p>Topic: System Development Life Cycle</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To explore the key features of various stages in a system life cycle.➤ To justify the need to analyse, design, test, Implement, document and evaluate a system.	<p>Activities: Motivate your child to</p> <ul style="list-style-type: none">➤ Explore the purpose of system analysis and design.➤ Compare and contrast the disadvantages and advantages of the different methods.➤ Mention the different stages of system analysis and design.➤ Design, use and evaluate computational abstractions that model the state and behaviour of real-world problems and physical.➤ Investigate and describe methods of researching an existing system (e.g. observation, interviews, questionnaires and examination of existing documents.	<ul style="list-style-type: none">• https://www.tutorialspoint.com/sdlc/sdlc-overview.htm



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STEAM	Topic: SPACE AND ROCKET Learning Objectives: <ul style="list-style-type: none">➤ To evaluate how a star is formed and understand that the brightness of a star is due to its relative distance from Earth.	Activities: Encourage your child to <ul style="list-style-type: none">➤ Research and discuss the position of stars in the Milky Way.➤ Explain about the milky way galaxies and gravitational force in space.➤ Create a 3D model for the solar system to simulate the sound of a rocket launch.➤ Create a 3D model system to represent the relationship between the brightness of stars and their distance from Earth.	➤ https://education.minecraft.net/en-us/resources/explore-lessons
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