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Year 9- Family Learning Newsletter-April – 2024

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SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>Topic: PTE practice</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To further develop inference skills.	<p>Activity:</p> <ul style="list-style-type: none">❖ Motivate your child in selecting and analysing any two articles in the link provided. Using Bloom's Taxonomy, create questions on the following <ol style="list-style-type: none">1. Retrieval questions2. Simple inference3. Context comprehension4. Inference and deduction5. Author's purpose6. Author's style (use of language)7. Organisation of text8. Social, cultural or historical context of the text.	<ul style="list-style-type: none">❖ https://www.nationalgeographic.com/
MATHS	<p>TOPIC: Straight Line Graphs</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none">❖ Apply the concept of gradient, midpoint, and distance formula to analyse the straight-line graphs.	<p>Activities:</p> <ul style="list-style-type: none">❖ Encourage your child to create a booklet on key concepts of the straight-line equation.❖ Motivate your child to Investigate the relationship between the independent and dependent variable of a straight lines with different slopes.	<ul style="list-style-type: none">❖ Finding slope from graph Algebra (video) Khan Academy❖ https://www.ezyeducation.co.uk/ezymaths-athsdetails/ezymaths-news/entry/countdown-to-exams-day-



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	<ul style="list-style-type: none"> ❖ Evaluate the equation of parallel and perpendicular lines. <p>TOPIC: 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. 	<ul style="list-style-type: none"> ❖ Motivate your child to complete the Cross Curricular Links: P.E. –problem solving English- basic arithmetic Art- shape and space Media – Graphics. 	<p>48-midpoints-parallel-lines-and-perpendicular-lines.html</p> <ul style="list-style-type: none"> ❖ https://corbettmaths.com/2019/09/05/simultaneous-equations-practice-questions/
<p>BIOLOGY</p>	<ul style="list-style-type: none"> ❖ TOPIC- Immunity - Vaccination and Diseases ❖ LEARNING OBJECTIVES- ❖ 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. 	<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. ❖ Motivate your child to create a presentation on how vaccines are made. 	<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



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	<ul style="list-style-type: none"> ❖ 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. 	<ul style="list-style-type: none"> ❖ Encourage your child to conduct a survey in your community to find out some diseases caused by microbes. 	
CHEMISTRY	<p>TOPIC- Rock cycle</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ❖ Describe how three types of rocks are formed. 	<ul style="list-style-type: none"> ❖ Motivate your child to discuss with your child about the different types of rocks, how are they formed, and give examples. ❖ Encourage your child to discuss about the real-life uses of different types of rocks. 	<ul style="list-style-type: none"> ❖ https://www.bbc.co.uk/bitesize/guides/zwd2mp3/revision/5 ❖ http://www.cotf.edu/ete/modules/mse/se/earthsysflr/rock.html
CHEMISTRY	<p>TOPIC- Rock cycle</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ❖ Describe how three types of rocks are formed. 	<ul style="list-style-type: none"> ❖ Motivate your child to discuss with your child about the different types of rocks, how are they formed, and give examples. ❖ Encourage your child to discuss about the real-life uses of different types of rocks. 	<ul style="list-style-type: none"> ❖ https://www.bbc.co.uk/bitesize/guides/zwd2mp3/revision/5 ❖ http://www.cotf.edu/ete/modules/mse/se/earthsysflr/rock.html



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<p>ISLAMIC STUDIES (Arabs)</p>	<p>Topic: الإيمان فضل من الله -الحجرات الإمام مسلم المنهج النبوي في تربية الجيل</p> <p>Learning Objectives: يفرق بين أركان الإسلام وأركان الإيمان يحفظ الآيات الواردة في الدرس يستنتج الآثار المترتبة على كل من الإيمان والإسلام والإحسان يكتب بحثًا مختصرًا عن علماء الحديث وجهودهم في حفظ السنة النبوية يفرق بين شروط الإمام مسلم والإمام البخاري في صحيحيهما يوضح المقصود بالمنهج النبوي في تربية الجيل</p>	<p>Activities: ➤ يبحث عن الآيات الواردة من حيث أسباب النزول إن وجدت وتفسير كلماتها والشرح الإجمالي للآيات يكتب بحثًا مختصرًا عن جهود الإمام مسلم رحمه الله في حفظ السنة يبحث عن أهم أساليب وخصائص المنهج النبوي في تربية الجيل</p>	<p>حل درس الإيمان فضل من الله تربية اسلامية الصف التاسع - مدرستي الامارتية (uae- school.com)</p> <p>حل درس الإمام المسلم رحمه الله تربية اسلامية الصف التاسع - مدرستي الامارتية (uae- school.com)</p> <p>حل درس المنهج النبوي في تربية الجيل تربية اسلامية صف تاسع فصل ثاني - مدرستي الامارتية (uae-school.com))</p>
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	يستنبط أساليب المنهج النبوي في تربية الجيل من القرآن والسنة والسيرة		
ARABIC (Arabs)	<p>Topic:</p> <p>قصيدة في مكارم الأخلاق سيرة ذاتية تعلمت من أوقات الفراغ قواعد العدد تذكره وتأتيه</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ يحلل الأبيات في سياقاتها المختلفة.➤ يستنتج الفكرة العامة للأبيات والفكر الفرعية.➤ يحلل السيرة تحليلا فنيا وأديبا.➤ يبين الفكرة العامة للسيرة.➤ يتعرف أحكام مطابقة العدد للمعدود.➤ يعرب العدد إعرابا صحيحا.	<p>Activities:</p> <ul style="list-style-type: none">➤ يشرح الأبيات شرحا أدبيا وافيا.➤ يستخرج الصور الفنية الواردة في الأبيات.➤ يفسر المفردات الجديدة في السيرة.➤ يقيم السيرة مبينا رأيه فيها.➤ يعرب العدد إعرابا صحيحا.➤ يوظف العدد في مواقف حياتية.	<ul style="list-style-type: none">❖ https://seraj-uae.com/file/2473/❖ https://seraj-uae.com/file/2487/❖ https://seraj-uae.com/file/1373/



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<p style="text-align: center;">ARABIC (Non- Arabs)</p>	<p>Topic: Healthy and unhealthy habits</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ❖ To determine good health habits. ❖ To recognize some unhealthy habits. ❖ To compare healthy and unhealthy habits. ❖ Explain the benefits of healthy habits. ❖ To conclude the harms of unhealthy habits. 	<p>Activities: Encourage your child to complete the following activities.</p> <ul style="list-style-type: none"> ❖ Write a list of healthy and unhealthy habits. ❖ Describe a healthy day. ❖ Create a dialogue about healthy and unhealthy habits. ❖ Write a letter to your friend about the most important healthy and unhealthy habits. ❖ Make a video about healthy and unhealthy habits ❖ Describe the importance of personal hygiene and its impact on body health. 	<ul style="list-style-type: none"> ❖ https://read.kutubee.com/book/book_728 ❖ https://read.kutubee.com/book/book_223 ❖ https://read.kutubee.com/book/book_203 ❖ https://read.kutubee.com/book/book_335 ❖ https://read.kutubee.com/video/video_117?videoid=video_117 ❖ https://read.kutubee.com/book/book_702 ❖ https://read.kutubee.com/book/book_728
<p style="text-align: center;">ISLAMIC STUDIES (Non- Arabs)</p>	<ul style="list-style-type: none"> ❖ Topic: Imam Ahmad Ibn Hanbal ❖ Learning Objectives: ❖ Identify the genealogy of imam Ahmad. 	<ul style="list-style-type: none"> ❖ Activities: Encourage your child to complete the following activities: ❖ How did Imam Ahmad ibn Hanbal play a pivotal role in the theological debates and controversies of his era, particularly during the Mihna (Inquisition) period? 	<ul style="list-style-type: none"> ❖ https://www.islamicfinder.org/knowledge/biography/story-of-imam-ahmad-bin-hanbal/



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	<ul style="list-style-type: none"> ❖ Explain his journey of searching for knowledge. 	<ul style="list-style-type: none"> ❖ What were the key theological principles and beliefs that Imam Ahmad steadfastly upheld, leading to his imprisonment and persecution by the ruling authorities? 	<ul style="list-style-type: none"> ❖ https://almarfa.in/blog/the-biography-of-imam-ahmad-bin-hanbal/
PSHCEE	<p>Topic: Active Citizenship</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ❖ To examine the meaning of active citizenship. ❖ To explore activities which students can do in their communities. 	<p>Activities:</p> <ul style="list-style-type: none"> ❖ Encourage your child to take part in any activities which are available in your community. ❖ Discuss with your child the importance of being active in your community. 	<ul style="list-style-type: none"> ❖ What is Active Citizens? British Council
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>Activities:</p> <ul style="list-style-type: none"> ❖ Encourage your child to learn more about the laws of the UAE 	<ul style="list-style-type: none"> ❖ http://gulfnews.com/news/uae/society/six-leaders-and-how-they-helped-shape-uae-1.1937162



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<p>HISTORY</p>	<p>Topic: Interwar Years- The Great Depression</p> <p>LEARNING OBJECTIVE:</p> <ul style="list-style-type: none">❖ To examine the causes and consequences of the 1929 crash in the United States.	<p>Activities: Encourage & Guide your child write a report on:</p> <ul style="list-style-type: none">❖ The mechanism of the Stock exchange and its impact in the economy.❖ Given a choice will you speculate and invest in a risky but lucrative business.	<ul style="list-style-type: none">❖ https://www.educationquizzes.com/ks3/history❖ History Workbook
<p>GEOGRAPHY</p>	<p>TOPIC: Classification of Rock</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none">❖ To examine the composition of different rocks	<p>Activities: Motivate your child answer the following questions:</p> <ul style="list-style-type: none">❖ Can all rocks have fossils? Why/why not?❖ Analyse the composition of rocks and classify it	<ul style="list-style-type: none">• https://www.amnh.org/exhibitions/permanent/planet-earth/how-do-we-read-the-rocks/three-types



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UAE SOCIAL STUDIES	<p>TOPIC: Geography of West Asia</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none">❖ To analyse the geographical characteristics of West Asia by using various kinds of Maps	<p>Activities: Motivate your child to:</p> <ul style="list-style-type: none">❖ Identify the main seas or rivers that surround the Arabian Peninsula❖ Research upon the monuments of West Asia.	<ul style="list-style-type: none">• Ministry of Education Yr 9 Text• Book Social Studies
FRENCH	<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.	<p>Activities: Motivate your child to-</p> <ul style="list-style-type: none">❖ Read the comprehension:❖ https://www.podcastfrancaisfacile.com/dialogue/la-boulangerie-1.html❖ Read and listen and answer the given activity:❖ http://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-8086.php❖ Practice Grammar❖ http://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-17134.php	<ul style="list-style-type: none">• https://www.languagenut.com/global/



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	<ul style="list-style-type: none">To ask and answer questions seeking information at the airport.		
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 & Guide 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 physical and real-world problems.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.ictlounge.com/html/systems_analysis_and_design_new.htmhttps://www.bbc.co.uk/bitesize/guides/zs8vxfr/revision/1



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STEAM	<p>Topic: SPACE AND ROCKET</p> <p>Learning Objectives:</p> <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.	<p>Activities: Encourage your child to</p> <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 the 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	<ul style="list-style-type: none">• https://education.minecraft.net/en-us/resources/explore-lessons
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