



The Winchester School

Year 8- Family Learning Newsletter – May – 2024

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SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>Topic: Reading Comprehension</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To develop inferential skills. 	<p>Activity:</p> <ul style="list-style-type: none"> ➤ In the light of the PTE, NGRT, TIMSS and PISA and other exams that challenge the reading and analytical skills of the students, the following activity has been designed. <ol style="list-style-type: none"> 1. Help your child analyse the article provided in the link on marine debris in the Pacific Ocean. 2. Create bullet points that cover the main points of the passage. 3. With your child, look up Bloom’s Taxonomy and create a range of questions that challenge the child on varied skills. 	<ul style="list-style-type: none"> ➤ https://education.nationalgeographic.org/resource/great-pacific-garbage-patch/ ➤ https://www.utica.edu/academic/Assessment/new/Bloom%20tx%20revised%20combined.pdf
MATHS	<p>Topic: Simultaneous Equations</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To be able to solve simultaneous equations by applying elimination method and substitution method. 	<p>Activities -Encourage your child to:</p> <ul style="list-style-type: none"> ➤ identify the situations in which we can apply simultaneous equations. ➤ create word problems on simultaneous equations. ➤ explore different methods of solving simultaneous equations. 	<p>https://www.ixl.com/math/grade-8/solve-a-system-of-equations-using-elimination</p> <p>https://www.mathsisfun.com/algebra/systems-linear-equations.html</p> <p>https://thirdspacelearning.com/gcse-maths/algebra/simultaneous-equations/</p>



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	<p>Topic: Pythagoras Theorem</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To be able to apply Pythagoras Theorem in right angle triangle.➤ To be able to evaluate the missing side of a right-angled triangle.	<p>Encourage your child to:</p> <ul style="list-style-type: none">➤ understand the application of the theorem in real life.➤ attempt critical thinking questions and real-life questions.➤ Identify the situations where Pythagoras Theorem can be applied.	<p>https://www.bbc.co.uk/bitesize/guides/z3hv97h/revision/1</p> <p>https://www.khanacademy.org/math/basic-geo/basic-geometry-pythagorean-theorem/e/pythagorean_theorem_1</p> <p>https://thirdspacelearning.com/gcse-maths/geometry-and-measure/pythagoras-theorem/</p>
SCIENCE	<p>Topic - Density & pressure</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ Use the particle model to explain differences in the densities of gases.➤ Evaluate a method of measuring density.➤ Describe what is meant by concentration and pressure. Use	<p>Activities:</p> <ul style="list-style-type: none">➤ Encourage your child to use three different balloons – one filled with helium, another with air and the third with carbon dioxide – to explore differences in the densities of these gases. Consider the chemical formula of the gases, in conjunction with the Periodic table. Students need to work out the molecular mass of each.➤ You can use a balloon to show that gases exert a pressure. Blow up a balloon and feel the balloon at different stages.	<p>https://www.bbc.co.uk/bitesize/guides/zqjy6yc/revision/1</p> <p>https://www.bbc.co.uk/bitesize/topics/z9gjqfr/articles/z9b44xs</p> <p>https://www.bbc.co.uk/bitesize/articles/zvdpf82#zbn9dp3</p>



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	<p>the particle model to explain differences in concentration and pressure.</p> <ul style="list-style-type: none">➤ Explain how pressure can be applied on a solid surface and describe some effects of varying pressure.➤ Describe how pressure in a liquid alters with depth. Explain pressure increases in relation to particles and gravity.➤ Relate floating and sinking to density, displacement and up thrust.➤ Explore how the pressure in a gas varies with height above the Earth. Explain the implications of this changing pressure.	<p>They should establish that the more particles of air there are, the higher the pressure they exert.</p> <ul style="list-style-type: none">➤ With your child design another such experiment to show the relation between particles of air and the pressure it exerts.➤ Encourage your child to make predictions about pressure – for example 'Will an elephant do more or less damage to a wooden floor than a woman in stiletto heels?'. (An elephant weighs about 5000 kg and a woman about 50 kg. An elephant's foot is about 40 cm in diameter, area about 1200 cm²; the area of a stiletto heel is less than 1 cm². Students will justify the answer.➤ With your child explore the idea of atmospheric pressure and further encourage your child to attempt to separate Magdeburg hemispheres before and after evacuation. Applications: The students to identify potential implications and uses of understanding atmospheric pressure (e.g. better weather predictions to anticipate natural disasters; better training for athletes; improved treatment of people with breathing difficulties).	<p>https://www.sciencebuddies.org/blog/density-experiments</p> <p>https://www.engagingsciencelabs.com/post/density-buoyancy-air-pressure</p> <p>https://www.britannica.com/science/atmospheric-pressure</p>
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<p>ISLAMIC STUDIES (Arabs)</p>	<p>Topic:</p> <ul style="list-style-type: none">➤ أنا خيركم لأهلي➤ الطريق إلى الجنة➤ الأيمان والنذور <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ قراءة الآيات والأحاديث الواردة قراءة جيدة➤ شرح النصوص الدينية الواردة وفهم المصطلحات➤ يعدد أهم الأعمال التي تقربنا من الجنة➤ يستنتج الحكمة من مشروعية الموت والحياة➤ يفرق بين الأيمان والنذور➤ يحدد الكفارات المناسبة للأيمان والنذور➤ يستنبط الأدلة على الكفارات من القرآن والسنة	<p>Activities:</p> <ul style="list-style-type: none">➤ أن يبحث عن الأساليب التربوية التي كان يستخدمها النبي صلى الله عليه وسلم داخل بيته➤ يقوم بعمل خرائط لاهم الأعمال التي توصل الإنسان إلى الجنة بإذن الله➤ يبحث عن أنواع الأيمان والنذور وكفاراتها	<p>https://uae-school.com/archives/22921</p> <p>حل درس الطريق إلى الجنة الصف الثامن - مدرستي (uae-school.com)</p> <p>- حل درس الإيمان والنذور تربية إسلامية صف ثامن - مدرستي (uae-school.com)</p>
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<p>ARABIC (Arabs)</p>	<p>Topic: قصيدة الحجر الصغير - قواعد الحال</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ يفسر مفردات الأبيات➤ يحدد الفكرة العامة للأبيات➤ يحلل الأبيات تحليلًا أدبيًا➤ يتعرف الحال ونوعها➤ يعرب جملة الحال إعرابًا تامًا➤ يوظف الحال في كتابته	<p>Activities:</p> <ul style="list-style-type: none">➤ يوظف بعض مفردات الأبيات في جمل من إنشائه➤ يستخرج بعض الصور الفنية في الأبيات➤ يشرح الأبيات شرحًا إجماليًا➤ يعين الحال في النصوص المختلفة➤ يبحث في النصوص المختلفة عن أمثلة للحال➤ يكتب فقرة من إنشائه موظفًا فيها أنواع الحال	<p>https://emirates-school.com/index-page.php?num=3754</p> <p>https://www.youtube.com/watch?v=9z0dbRg-KeE&t=3s</p> <p>https://www.youtube.com/watch?v=gjeHtBGJGvE</p>
<p>ARABIC (Non- Arabs)</p>	<p>Topic: سوق العمل</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To evaluate the value of work in our lives.➤ To create her/ his resume indicating their personal information.➤ To create a mind map about the job market.➤ To analyse the text.	<p>Activities:</p> <ul style="list-style-type: none">➤ Motivate your child to create his/her resume indicating my personal information➤ With your child create sentences about the value of work in our lives.➤ Encourage your child to participate with his friends to make a mind map about the job market➤ With your child create dialogue about the job market.➤ Motivate your child to write a paragraph about the importance of work in our lives.	<p> نموذج سيرة ذاتية عربي وورد فارغ وجاهز GetYourCV</p> <p>Interactive ورقة أهمية العمل حديث 2 Worksheet – Edform</p>



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	<p>➤ To use figurative devices and sentence openers.</p>		
ISLAMIC STUDIES (Non- Arabs)	<p>Topic: The path to paradise</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To analyze the consequences of not practicing good qualities➤ To comprehend the importance of practicing good qualities <p>Topic: Evidence of the oneness and power of Allah (- تعالى (SURAT YA-SIN 69-83)</p> <p>Learning objectives:</p> <ul style="list-style-type: none">➤ To elucidate the concept and importance of Tawheed➤ To explore the effects of Tawheed on individual and society.	<p>Activities:</p> <ul style="list-style-type: none">➤ Encourage your child to record an interview of his/her friends on the importance of doing good deeds and what are the rewards of these deeds as promised by Allah.➤ Motivate your child to write an essay on the importance of believing Tawheed an integral part of our religion. What would we miss if we do not believe one God? Give example from Seerah of any prophet that shows how Allah help those who believe only him.	<p>https://www.guranreading.com/blog/good-deeds-with-great-rewards-in-islam/</p> <p>https://islamqa.info/en/answers/49030/what-is-the-meaning-of-tawhid</p>



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PSHCEE	<p>Topic: Coping with Loss and Change</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To identify the different feelings, we feel when we experience loss or change➤ To understand that everyone experiences change or loss in their lives.	<p>Activities:</p> <ul style="list-style-type: none">➤ Discuss with your child the different emotions which may arise when faced with loss or change.➤ Encourage them to share with you changes they have experienced which they find it difficult to accept. Then explain to them that change is constant and sometimes we cannot control all things.	<p>How to deal with change and uncertainty - Every Mind Matters - NHS (www.nhs.uk)</p>
MORAL EDUCATION	<p>Topic: Digital Challenge</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To discuss the range of digital sources and how they reflect the context, purposes, culture values and views for the providers.	<p>Activities:</p> <ul style="list-style-type: none">➤ Talk to your child about the range of digital sources and sites one engages with and how these reflect the context, purposes, culture, values and views of the providers	<p>Tips for your child on the internetTusla - Child and Family Agency</p>



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HISTORY	<p>Topic: The British Empire: India 1857 Mutiny</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To analyse the reasons for the 1857 revolt.	<p>Activities:</p> <ul style="list-style-type: none">➤ Research along with your child to analyse the causes and impact of the revolt of 1857	<p>https://www.britannica.com/event/Indian-Mutiny</p>
GEOGRAPHY	<p>Topic: Weather and climate: human Impact on weather- rainfall-cloud Seeding</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To investigate how man can influence weather.➤ To investigate how man can influence rainfall formation through cloud seeding.	<p>Activities:</p> <ul style="list-style-type: none">➤ Encourage your child to watch videos on cloud seeding then answer questions.➤ Research along with your child and present what cloud seeding is and how it works.➤ Motivate your child to analyse sources/news articles and answer questions- How do human activities influence rainfall	<p>https://www.businesstoday.in/technology/news/story/what-is-artificial-rain-heres-how-cloud-seeding-fared-in-uae-china-russia-406046-2023-11-17</p>



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UAE SOCIAL STUDIES	<p>Topic: Central Asia: The Culture of Central Asia</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To examine sources and understand the elements of Central Asian culture and its diversities.	<p>Activities:</p> <ul style="list-style-type: none">➤ Motivate your child to read along with your child about Al Birunu and Ibn Sina and about their contributions.➤ Encourage your child to analyse the impact of Central Asia's culture on the neighbouring countries.	Year 8 MOE UAE SST Textbook
FRENCH	<p>Topic: Les endroits dans la ville</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To enable students to identify and describe various places within a city in French, utilizing questions and responses about locations, services,	<p>Activities:</p> <ul style="list-style-type: none">➤ Encourage your child to create a map of Dubai highlighting key places of interest with descriptions in French, which could serve as a guide for French-speaking visitors.➤ Discuss with your child the role and impact of tourism in your city and consider how different places cater to tourists.	<ul style="list-style-type: none">➤ https://www.podcastfrancaisfacile.com/vocabulaire/vocabulaire-dans-la-ville.html➤ https://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-47196.php➤ https://quizlet.com/781828034/les-directions-flash-cards/?new



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	and directions, thereby enhancing their navigational and conversational skills in real-life urban settings.	<ul style="list-style-type: none">➤ Share their favourite local spots and explain why they recommend these places to visitors, using French to enhance their descriptive language skills.	
ICT	<p>Topic: Graphics Creation</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To analyze how to navigate vector graphics editor➤ To examine the tools and features of vector graphics editor	<p>Activities:</p> <ul style="list-style-type: none">➤ Encourage your child to Research about the different ways of vector graphics software used in education.➤ Motivate your child to design the logo for house group using Vector graphics software.	<p>Vectr - Free Online AI Vector Graphics Editor, AI Generator</p>



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STEAM	Topic: Minecraft - Digital Citizenship Learning Objectives: <ul style="list-style-type: none">➤ To explore and understand the importance of being safe, responsible, and respectful online.	Activities: <ul style="list-style-type: none">➤ Encourage your child to Create a Minecraft skit on how to behave online by solving 4 levels of puzzles about personal data, digital footprint, health, e-waste, copyright.	https://education.minecraft.net/en-us/lessons/varnost-na-spletu
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