



The Winchester School

Year 8- Family Learning Newsletter –April – 2024

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SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>Topic: To develop inferential skills.</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ❖ To develop inferential skills. 	<p>Activities: Encourage your child</p> <ul style="list-style-type: none"> ❖ Select and analyse any one article in the link provided. ❖ Using Bloom’s Taxonomy, create questions on the following ❖ Retrieval questions ❖ Context comprehension ❖ Author's purpose ❖ Author's style (use of language) ❖ Organisation of text 	<p>https://www.nationalgeographic.com/</p>
MATHS	<p>Topic: Transformations and combining Transformations</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ❖ To be able to transform 2D shape by rotation, reflection and translation and simple combinations of these transformations. ❖ To be able to enlarge a 2D shape given a centre of enlargement and a positive integer scale factor 	<p>Activities: Motivate your child to:</p> <ul style="list-style-type: none"> ❖ Talk to your child in regard with examples of symmetry in real life and the transformations of reflection and rotation and enlargement. ❖ Demonstrating line symmetry with the help of real examples or photography clicked by the child indicating the line of symmetry and reflection of objects seen. 	<p>https://www.mathsisfun.com/geometry/transformations.html</p> <p>Translations – GeoGebra</p>



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Topic:

Stem and Leaf diagram

Learning Objectives:

To understand and effectively use stem-and-leaf diagrams as a graphical representation of data.

- ❖ Encourage students to visualise the transformation in real life in terms of formations using Lego blocks.

Encourage your child to:

- ❖ Conduct a survey among the students on a specific topic with multiple response options. Students collect and analyze the data to calculate the probabilities of different responses. They determine if the response options form an exhaustive set and discuss the implications of having an exhaustive set in the survey results.
- ❖ Analyze the outcomes of a sports tournament or the results of an election. They can calculate and compare the probabilities of different outcomes.
- ❖ Provide multiple data sets to students and ask them to create stem-and-leaf diagrams for each set. Have students compare and contrast the

<https://www.mathsisfun.com/data/stem-leaf-plots.html>



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		<p>diagrams, looking for similarities and differences in the distribution of the data.</p> <ul style="list-style-type: none"> ❖ Encourage students to draw conclusions based on the comparisons 	
<p>SCIENCE</p>	<p>Topic: Exploring Human skeletal system</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ❖ To explain why we have different shapes and sizes of bones. ❖ To estimate the height using bone measurement calculation and suggest reasons for differences between people. ❖ Compare different joints in the human skeleton. ❖ Recall some medical problems with the skeletal system. ❖ Describe treatments for some skeletal system problems. 	<p>❖ Activities: Motivate your child to</p> <ul style="list-style-type: none"> ❖ Create a mind map on different kinds of bones of human skeleton and explain the function of each ❖ Create a mind map on different kinds of bones of human skeleton and explain the function of each ❖ Create a model of the arm from card and rubber bands, to demonstrate working of antagonistic muscles ❖ Illustrate with an infographic poster on comparing a human leg which is very much like a chicken leg in structure. (Both have a femur, knee, fibula and tibia. They also both have other tissues such as ligaments, tendons, muscles and fat.) ❖ Students will research – for example on ‘fractures’, ‘arthritis’, ‘osteoporosis’ and 	<p>https://www.bbc.co.uk/bitesize/topics/znyycdm/articles/zgbdp3#zykxxbk</p> <p>https://www.bbc.co.uk/bitesize/topics/znyycdm/articles/zd7yydm#zsg77yc</p> <p>https://askabiologist.asu.edu/skeleton-viewer-game/</p> <p>https://askabiologist.asu.edu/bone-viewer-game/index.html</p> <p>https://sciencetrek.org/topics/muscles</p> <p>https://sciencetrek.org/topics/muscles/games</p>



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	❖ Communicate effectively to learn how treatments have changed over time	'muscular dystrophy'. And present the same by using x-ray images of the same	
ISLAMIC STUDIES (Arabs)	<p>Topic: 54-33 سورة يس: قدرة الله تعالى</p> <p>تلاحم المجتمع</p> <p>أنا خيركم لأهلي</p> <p>Learning Objectives:</p> <p>يبين هدايات سورة يس من خلال الآيات الواردة في الدرس</p> <p>يضرب أمثلة على صور تلاحم المجتمع من منظور التربية الإسلامية</p> <p>يشرح مفردات الحديث الشريف مبينا المعنى الإجمالي له</p>	<p>Activities:</p> <ul style="list-style-type: none">➤ كتابة بحث مختصر عن الهدايات الواردة في الآيات من خلال البحث في المصادر المعتمدة➤ عمل مقارنة بين صور تلاحم المجتمع في عصر صدر الإسلام وبين صورها في العصر الحالي <p>البحث عن الحديث الوارد في كتب السنة وبيان درجته من حيث الصحة والحسن</p>	<p>حل درس فضائل المؤمن تربية إسلامية صف ثامن فصل (uae-school.com) ثاني - مدرستي الامارتية</p> <p>حل درس تلاحم المجتمع تربية إسلامية صف ثامن فصل (uae-school.com) ثاني - مدرستي الامارتية</p> <p>حل درس أنا خيركم لأهلي تربية إسلامية صف ثامن فصل ثاني - مدرستي الامارتية (uae-school.com)</p>



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ARABIC (Arabs)	<p>Topic: قصة قصيرة وداعًا يا أحبائي</p> <p>قصيدة النهر المتجمد</p> <p>قواعد - الحال</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ يحلل القصة تحليلًا أدبيًا وفنيًا❖ يحدد الأحداث التي تطور الحبكة في القصة❖ يبين الفكرة العامة والأفكار الفرعية للأبيات❖ يستخرج الصور الفنية الواردة في الأبيات❖ يتعرف الحال وأنواعها❖ يوظف الحال في لغويا وكتابيا	<p>Activities:</p> <ul style="list-style-type: none">❖ يستنتج التقنيات الفنية الواردة في القصة❖ يحلل الشخصيات من خلال أقوالها وأفعالها❖ يفسر مفردات الأبيات❖ يشرح المعنى الإجمالي للأبيات❖ يعرب جملة الحال إعرابًا تامًا❖ يبحث في المصادر المختلفة عن جمل تشتمل على حال	<p>https://seraj-uae.com/file/32/</p> <p>https://seraj-uae.com/file/1017/</p> <p>https://seraj-uae.com/file/2363/</p>
ARABIC (Non- Arabs)	<p>Topic: النظافة</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To describe personal hygiene/cleanliness.❖ To create a mind map about personal hygiene /cleanliness.❖ To analyse the text.❖ to use figurative devices and sentence openers.	<p>Activities: Encourage your child to-</p> <ul style="list-style-type: none">❖ Make sentences about personal hygiene /cleanliness using the new vocabulary.❖ Participate with my friends to make a mind map of personal hygiene /cleanliness.❖ Create a dialogue about personal hygiene /cleanliness.❖ Make a paragraph about personal hygiene /cleanliness.	<p>جدول النظافة الشخصية - Search Images (bing.com)</p> <p>النظافة الشخصية - Search Images (bing.com)</p> <p>سراج (seraj-uae.com)</p>



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<p>ISLAMIC STUDIES (Non- Arabs)</p>	<p>Topic: MERITS OF THE BELIEVER</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To comprehend the importance of social solidarity❖ To evaluate the benefits of righteous qualities on an individual on society.	<p>Activities: Encourage your child to:</p> <ul style="list-style-type: none">❖ analyse the reason why did Allah make the belief of Tawheed an integral part of our religion. What would we miss if we do not believe one God?	<p>https://islamqa.info/en/answers/12099/benefits-of-believers-trials</p>
<p>PSHCEE</p>	<p>Topic: Mental Health</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To discuss and explain the importance of mental health and emotional well-being.❖ To discuss the factors that affect our mental health and emotional well-being	<p>Activities:</p> <ul style="list-style-type: none">❖ Discuss with your child child the importance of maintaining good mental health❖ Have a family time discussing some issues that your child may be facing at school or at home which may affect their mental health.	<p>Positive mental health for children - Fraser Health Authority</p>



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MORAL EDUCATION	Topic: Human Needs Learning Objectives: <ul style="list-style-type: none">❖ To introduce the concepts of human needs and wants and their relationship to human dignity.❖ To address how unmet basic needs can lead to dysfunctional behaviour and hence conflicts.	Activities: <ul style="list-style-type: none">❖ Discuss with your child the difference between want and needs❖ Encourage your child to help other people in need❖ Discuss how unmet needs can start a conflict	Needs and Wants: Differences, Definitions and Examples (myjar.app)
HISTORY	Topic: Enlightenment in Britain Learning Objectives: <ul style="list-style-type: none">➤ Development of democracy in Britain: The Vote	Activities: <ul style="list-style-type: none">❖ Encourage your child to create a comparative evaluation of the political system of 18th – 19th century Britain with present political system in Britain.	History Workbook



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<p>GEOGRAPHY</p>	<p>Topic: Weather and Climate</p> <p>Learning Objectives:To identify the elements of weather to explain the cause of weather.</p> <ul style="list-style-type: none">❖ To find out how weather is measured.	<p>Activities:</p> <ul style="list-style-type: none">❖ Motivate your child create a working model of a weather measuring equipment and explain how it works.	<p>Geography Workbook</p>
<p>UAE SOCIAL STUDIES</p>	<p>TOPIC: Central Asia</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To examine sources and understand the elements of Central Asian culture	<p>Activities:</p> <ul style="list-style-type: none">❖ Motivate your child to research and analyse the impact of Central Asia's culture on the neighbouring countries.	<p>Yr 8 MOE UAE SST Text Book</p>
<p>FRENCH</p>	<p>Topic: Qu'est-ce qu'il y ici?</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To name facilities in a town➤ To understand a publicity brochure.➤ To ask for and to give directions.	<p>Activities:Encourage your child to</p> <ul style="list-style-type: none">❖ Design & make a brochure for French speaking tourists in Dubai❖ Discuss the importance of tourism in Dubai❖ What are their favourite tourist destinations in the UAE?	<ul style="list-style-type: none">➤ https://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-47196.php➤ Les directions Flashcards Quizlet➤ Les 10 meilleures choses à faire à Dubaï Skyscanner France



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ICT	<p>Topic: The Effects of using IT (Potential health problems)</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To evaluate the use of IT equipment and develop strategies to minimise the health risks❖ To describe the different safety issues associated with use of ICT.	<p>Activities:</p> <ul style="list-style-type: none">❖ Encourage your child to create a guide that could be given to staff in an organisation to avoiding health issues when using a computer – this could be a leaflet or by using presentation software.	<p>IGCSE ICT - Heath and Safety (ictlounge.com)</p>
STEAM	<p>Topic: Tinkercad</p> <p>Invent a Device That Can Move Through a Pipe</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ Create a 2D representation of a device that can move through a pipe using art materials or digital resources.❖ Create a 3D representation of a device that can move through a pipe within Tinkercad.	<p>Activities:</p> <ul style="list-style-type: none">❖ Encourage your child to explore different tools and functions of tinkercad application.❖ Research and explore for inventing a device that can move through a pipe❖ Motivate your child to explore on mathematical-computation and object-sizing tools to solve real-world problems.	<p>https://www.tinkercad.com/lessonplans/invent-a-device-that-can-move-through-a-pipe</p>