



The Winchester School

Year 7- Family Learning Newsletter – February – 2024

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SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>Topic: News Report</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To examine news report elements.	<p>Activity: Motivate your child</p> <ul style="list-style-type: none">➤ Choose a section of the paper you are finished reading and one you think your child will be particularly interested in such as sports or local events. Clip an interesting news story and cut the paragraphs apart. Hand the article to your child in pieces and ask him to read the paragraphs and put the article back together in the proper order. Read the article together and talk about the news story.➤ Create a word game by cutting out the large headlines from the newspaper. Cut the individual letters of the headlines. Then challenge your child to make new words or even a new headline from the letters. Provide paper and glue and allow your child to record her word creations.	<p>https://www.youtube.com/watch?v=8_NmVtnEEA8</p>



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<p>MATHS</p>	<p>TOPIC: Standard form Learning Objective:</p> <ul style="list-style-type: none">To Apply appropriate strategies and techniques to convert numbers of different magnitudes from ordinary form to standard form. <p>TOPIC Volume of cube and cuboids, Volume of prism Learning Objective:</p> <ul style="list-style-type: none">To Apply the formulas to calculate the volume of cubes, cuboids and prism.	<p>Encourage your child to:</p> <ul style="list-style-type: none">➤ Research online on the application of standard form in real life.➤ Link to planets-size and distance from the sun.➤ Link to science: size of molecules and atoms. <p>Encourage your child to:</p> <ul style="list-style-type: none">➤ identify any patterns or trends in the relationship between the base shape and the resulting volumes.➤ record the calculated volumes and surface area alongside the corresponding prism dimensions.➤ discuss their findings and draw conclusions.	<p>https://www.transum.org/software/SW/Starter_of_the_day/Students/Standard_Form_B.asp?Level=8</p> <p>https://www.ixl.com/search?q=standard+form&filters=%7B%22subject%22%3A%22Math%22%2C%22gradeIds%22%3A%5B%5D%2C%22resourceType%22%3A%22All+activities%22%7D</p> <p>https://www.ixl.com/math/grade-8/volume-of-cubes-prisms-and-pyramids</p> <p>https://thirdspacelearning.com/gcse-maths/geometry-and-measure/volume-of-a-cuboid/</p> <p>https://nrich.maths.org/public/topic.php?group_id=15&code=150</p>
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<p>SCIENCE</p>	<p>Topic: Acid and Alkalis</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ Describe the applications of acids.➤ Evaluate the hazards that acids pose to an individual and their surroundings.➤ Identify and describe the real-life applications of alkalis.➤ Evaluate the hazards posed by several alkalis and list some of the safety measures.➤ Exemplify an indicator and describe why indicators are useful.➤ Explain the use of indicator in analysing the data generated in an experiment.➤ Compare and contrast the effectiveness of a universal indicator over different indicators.➤ Interpret measurements of pH made using universal indicator.➤ Predict the reactants and salts made in different neutralisation reactions.	<p>Activities: Motivate your child to -</p> <ul style="list-style-type: none">➤ Create an interactive page on some real-life examples of acids and alkalis➤ Create a newsletter on the hazards of acids to the surroundings.➤ Prepare a report on the accidents caused using acids and alkalis and suggest the preventive measures.➤ Create a poster on the uses of different indicators.➤ Plan an experiment to explain a chemical change using an indicator.➤ Create a pH scale and determine the pH of various substances and present it in a form of report.➤ Use a virtual laboratory to understand the process of neutralisation.➤ Create an interactive page on the applications of neutralisation process.	<ul style="list-style-type: none">➤ http://www.scienceclarified.com/everyday/Real-Life-Chemistry-Vol-2/Acids-and-Bases-Real-life-applications.html➤ http://acids-vs-bases.weebly.com/examples-in-everyday-life.html➤ https://www.ukessays.com/essays/chemistry/applications-acid-bases-8709.php➤ https://www.acs.org/content/dam/acsorg/about/governance/committees/chemicalsafety/publications/identifying-and-evaluating-hazards-in-research-laboratories.pdf➤ http://www.middleschoolchemistry.com/lessonplans/chapter6/lesson8➤ https://www.education.com/science-fair/article/chemical-indicators/
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	<p>➤ Describe indigestion remedies and the way that they work.</p>		<p>➤ https://www.toppr.com/guides/science/acids-bases-and-salts/neutralization/</p>
ISLAMIC STUDIES (Arabs)	<p>Topic: حديث فضائل المؤمن - أقدس بيوت الله</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ يبين أهمية التكافل الاجتماعي في حياة المسلم.➤ يستنتج الآثار المترتبة على التيسير على المدين المتعسر.➤ يستنبط فضائل المساجد الثلاثة من خلال الحديث الشريف	<p>Activities:</p> <ul style="list-style-type: none">➤ يعدد بشارات الحديث الشريف لمن يتدارسون القرآن.➤ يستنتج الآثار الإيجابية لتدارس القرآن وتعلمه على الفرد والمجتمع.➤ دلل على فضائل المسجد الحرام➤ بين فضل المسجد النبوي والمسجد الأقصى	<p>https://www.youtube.com/watch?v=k6f1Pu4xRQU</p> <p>https://www.youtube.com/watch?v=pztoeErUlnA</p>
ARABIC (Non- Arabs)	<p>Topic: TOPIC – ذكريات الطفولة</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To describe my childhood memories.	<p>Activities: Motivate your child -</p> <ul style="list-style-type: none">➤ Make sentences about childhood memories using the new vocabulary.➤ Participate with my friends to make a mind map of childhood memories.➤ Create a dialogue about childhood days.	<p>https://www.youtube.com/watch?v=2jPTpRiBrT4</p>



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	<ul style="list-style-type: none">➤ To describe my old house, school, neighbours, and friends.➤ To create a dialogue about my childhood memories.➤ To analyse the text.➤ To use figurative language and literacy styles.	<ul style="list-style-type: none">➤ Write a paragraph about their childhood days.	https://www.youtube.com/watch?v=A3UGf7OTvIA
ARABIC (Arabs)	<p>Topic: التركيب الإضافي - قصيدة النهر المتجمد</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ يتعرف التركيب الإضافي ويعرّبه إعرابًا صحيحًا ويوظفه في كتابته➤ يحلل النص في سياقاته المختلفة	<p>Activities:</p> <ul style="list-style-type: none">➤ يتعرف التركيب الإضافي➤ يستخرج التركيب الإضافي في النصوص المختلفة➤ يفسر مفردات النص الشعري➤ يستخرج الصور البيانية في النص	https://www.youtube.com/watch?v=33R5uuumdto https://www.youtube.com/watch?v=I-WUjoRdZNw
ISLAMIC STUDIES (Non- Arabs)	<p>Topic: I am best among you to my family</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To comprehend the importance of a balanced family	<p>Activities: Encourage your child to - Evaluate the benefits of a balanced family system that contributes to society? How would you elaborate on the consequences of an imbalanced family on its society?</p>	https://www.youtube.com/watch?v=NgOREMQ-SAY&t=3s



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	<ul style="list-style-type: none"> ➤ To evaluate the consequences of imbalanced family system <p>Topic: The battle of Hunayn</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To define the role of Tawakul during the challenging time. ➤ TO evaluate the benefits of confronting challenges. 	<p>Contemplate the role of Tawakul in winning a challenge or a battle. Give reference of an Ayah that shows how did Allah help Muslims during different battles. Record your Contemplations.</p>	<p>https://www.youtube.com/watch?v=gg4oiHNbsqU</p>
<p>PSHCEE</p>	<p>Topic: The Environment</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To explore the different environmental issues. 	<p>Activities:</p> <p>Discuss with your child environmental issues like Global Warming, Deforestation etc</p>	<p>https://www.youtube.com/watch?v=Oa7ntoCf8yU</p>



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<p>MORAL EDUCATION</p>	<p>Topic: Understanding Globalisation</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To explore the different concepts of globalisation.➤ To explore how the UAE connects to the rest of the world in terms of trade and communication.	<p>Activities:</p> <ul style="list-style-type: none">➤ Discuss with your child the importance of globalisation.➤ Encourage your child to read more about how globalisation affects the economy of the country.	<p>https://www.youtube.com/watch?v=JJ0nFD19eT8&t=101s</p>
<p>HISTORY</p>	<p>Topic: Development of Democracy in Britain: Women Suffrage</p> <p>Learning Objective: To analyse the voting rights of women in Britain through acts of Parliament in 1918 and 1928.</p>	<p>Activities:</p> <ul style="list-style-type: none">➤ Motivate your child to create a comparative evaluation of the women's voting rights in the 18th centuries to the present times in Britain.	<p>yr. 8 History Work book</p>



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<p>GEOGRAPHY</p>	<p>TOPIC: COASTS: Waves & Tides</p> <p>Learning Objectives:</p> <p>To examine the causes of waves and tides.</p>	<p>Activities:</p> <ul style="list-style-type: none">➤ Encourage your child to create a model to illustrate the formation of waves.	<p>https://www.youtube.com/watch?v=DZp_pjdczUpM</p> <p>https://oceanservice.noaa.gov/facts/wave_sinocean.html</p>
<p>UAE SOCIAL STUDIES</p>	<p>TOPIC: Origins of Science in South Asia</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To analyse the influence of Indian Mathematics and Science in the Pre-modern period	<p>Activities:</p> <ul style="list-style-type: none">➤ Motivate your child analyse the architecture of the Mughal period and how were they signs of public health and cleanliness and list the advancements in science and math that came from early India	<p>UAE SST MOE Textbook Year 8</p>



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FRENCH	<p>Topic: - Vacances De Rêve</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To name means of transports➤ To give opinions about transportation➤ To discuss past holidays➤ To use the past	<p>Activities:</p> <ul style="list-style-type: none">➤ Encourage your child to go through your photo albums and take the opportunity to spend some time together remembering the past holidays spent together.➤ What were the best moments and what would you change?➤ Have you already thought about the destination of your next holiday?➤ Motivate your child to discuss the means of transport used in ancient and modern times	<p>https://www.youtube.com/watch?v=NIEi-r7bdR0</p> <p>https://www.youtube.com/watch?v=jnSHv47lSqw</p> <p>https://quizlet.com/760739429/flash-cards/?new</p>
ICT	<p>Topic: Python Programming</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To implement if, elif and nested if conditions for decision making in python programming.	<p>Activities:</p> <p>Encourage your child to:</p> <ul style="list-style-type: none">➤ Create a python program to take in the marks of 5 subjects and display the grade.	<p>Python Tutorial (w3schools.com)</p>



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		<ul style="list-style-type: none">➤ Create a python program that find the total scores got in the end of academic year.	
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:</p> <p>Support 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.	<p>https://solarsystem.nasa.gov/resources/2393/earth-3d-model/</p>