



# The Winchester School

## Year 8 - Family Learning Newsletter – February – 2025

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p><b>Topic: The Tempest-Theme Analysis</b></p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>❖ To analyse key themes in The Tempest.</li></ul>	<p><b>Activity:</b></p> <ul style="list-style-type: none"><li>❖ Help your child review the major themes in <i>The Tempest</i>, such as power, forgiveness, freedom, and revenge. Ask your child to choose one theme that stands out to them the most.</li><li>❖ Together with your child, look through magazines or printed images to find pictures that represent the theme they chose.</li><li>❖ Once your child has gathered their images, have them arrange and glue them onto their paper to create a visual collage that represents their chosen theme from <i>The Tempest</i>.</li><li>❖ After completing the collage, ask your child to explain the images they chose and how each one represents the theme. Discuss how these visual representations connect to the characters and events in <i>The Tempest</i>.</li><li>❖ Help your child in presenting his analysis in the form of a SWAY presentation or video.</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://www.litcharts.com/lit/the-tempest/themes">https://www.litcharts.com/lit/the-tempest/themes</a></li></ul>
MATHS	<p><b>Topic: Solving Equations with brackets and Fractions both sides.</b></p> <p><b>Learning Objective:</b></p>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ Share your experience. Visit a grocery store with your child and encourage your ward to estimate the cost of items in your grocery cart.</li></ul>	<p><b>Links:</b></p> <ul style="list-style-type: none"><li>❖ <a href="https://www.bbc.co.uk/bitesize/topics/z83rkqt">https://www.bbc.co.uk/bitesize/topics/z83rkqt</a></li></ul>



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	<ul style="list-style-type: none"> <li>❖ Apply the concepts and vocabulary of equations Apply algebraic methods to solve linear equations in one variable</li> <li>❖ Apply algebraic methods to solve linear equations with variables on both sides and brackets involved.</li> </ul> <p><b>Topic – EXPRESSIONS</b></p> <p><b>Learning Objective:</b></p> <ul style="list-style-type: none"> <li>❖ Construct and simplify linear expressions. •</li> <li>❖ Multiply algebraic terms and combining like terms.</li> <li>❖ Expand and simplify expressions involving brackets using distributive property.</li> <li>❖ Solve expressions using the substitution method.</li> </ul>	<ul style="list-style-type: none"> <li>❖ Challenge your child to estimate the total amount as close to the actual cost.</li> <li>❖ Talk to your child and ask to give you a mathematical expression for the items in the grocery cart.</li> </ul> <p><b>Examples:</b></p> <ul style="list-style-type: none"> <li>❖ If I bake “cookies every day.</li> <li>❖ How many cookies would I bake in seven days or 1 month?</li> <li>❖ You read books each week. How many books would you read over a period of four weeks?</li> </ul>	<ul style="list-style-type: none"> <li>❖ <a href="https://www.mathsisfun.com/algebra/equation-formula.html">https://www.mathsisfun.com/algebra/equation-formula.html</a></li> <li>❖ <a href="https://www.transum.org/Software/SW/Starter_of_the_day/starter_October5.A.SP">https://www.transum.org/Software/SW/Starter_of_the_day/starter_October5.A.SP</a></li> </ul> <p>An activity to simplify the expressions in the given figure and colour according to the colour code given in question.</p> <ul style="list-style-type: none"> <li>❖ <a href="https://sharemylesson.com/user/login?storyCode=30072">https://sharemylesson.com/user/login?storyCode=30072</a></li> <li>❖ <a href="https://corbettmaths.com/2013/03/12/forming-algebraic-notation/">https://corbettmaths.com/2013/03/12/forming-algebraic-notation/</a></li> <li>❖ <a href="https://www.mathsisfun.com/definition/expression.html">https://www.mathsisfun.com/definition/expression.html</a></li> </ul>
SCIENCE	<p><b>Topic: Acids</b></p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>❖ Describe the applications of acids.</li> <li>❖ Evaluate the hazards that acids pose to an individual and their surroundings.</li> </ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"> <li>❖ Create an interactive page on some real life examples of acids and alkalis</li> <li>❖ Create a newsletter on the hazards of acids to the surroundings.</li> </ul>	<ul style="list-style-type: none"> <li>❖ <a href="http://www.scienceclarified.com/everyday/Real-Life-Chemistry-Vol-2/Acids-and-Bases-Real-life-applications.html">http://www.scienceclarified.com/everyday/Real-Life-Chemistry-Vol-2/Acids-and-Bases-Real-life-applications.html</a></li> <li>❖ <a href="http://acids-vs-bases.weebly.com/examples-in-everyday-life.html">http://acids-vs-bases.weebly.com/examples-in-everyday-life.html</a></li> </ul>



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	<ul style="list-style-type: none"><li>❖ Identify and describe the real life applications of alkalis.</li><li>❖ Evaluate the hazards posed by a number of alkalis and list some of the safety measures.</li><li>❖ Exemplify an indicator and describe why indicators are useful.</li><li>❖ Explain the use of indicator in analysing the data generated in an experiment.</li><li>❖ Compare and contrast the effectiveness of a universal indicator over different indicators.</li><li>❖ Interpret measurements of pH made using universal indicator.</li><li>❖ Predict the reactants and salts made in different neutralisation reactions.</li><li>❖ Describe indigestion remedies and the way that they work.</li></ul>	<ul style="list-style-type: none"><li>❖ Prepare a report on the accidents caused by the use of acids and alkalis and suggest the preventive measures.</li><li>❖ Create a poster on the uses of different indicators.</li><li>❖ Plan an experiment to explain a chemical change using an indicator.</li><li>❖ Create a pH scale and determine the pH of various substances and present it in a form of report.</li><li>❖ Use a virtual laboratory to understand the process of neutralisation.</li><li>❖ Create an interactive page on the applications of neutralisation process</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://www.ukessays.com/essays/chemistry/applications-acid-bases-8709.php">https://www.ukessays.com/essays/chemistry/applications-acid-bases-8709.php</a></li><li>❖ <a href="https://www.acs.org/content/dam/acsorg/about/governance/committees/chemicalsafety/publications/identifying-and-evaluating-hazards-in-research-laboratories.pdf">https://www.acs.org/content/dam/acsorg/about/governance/committees/chemicalsafety/publications/identifying-and-evaluating-hazards-in-research-laboratories.pdf</a></li><li>❖ <a href="http://www.middleschoolchemistry.com/lessonplans/chapter6/lesson8">http://www.middleschoolchemistry.com/lessonplans/chapter6/lesson8</a></li><li>❖ <a href="https://www.education.com/science-fair/article/chemical-indicators/">https://www.education.com/science-fair/article/chemical-indicators/</a></li><li>❖ <a href="http://www.fp.utm.my/projek/psm/webttr/Neutralisation/learning2b.html">http://www.fp.utm.my/projek/psm/webttr/Neutralisation/learning2b.html</a></li><li>❖ <a href="https://www.toppr.com/guides/science/acids-bases-and-salts/neutralization/">https://www.toppr.com/guides/science/acids-bases-and-salts/neutralization/</a></li></ul>
ISLAMIC STUDIES (Arabs)	<p><b>Topic:</b> فتح مكة</p> <p>آداب السفر</p> <p><b>Learning Objectives:</b></p> <p>أبين القيمة الدينية لمكة المكرمة</p> <p>أعددت شروط صلح الحديبية</p>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ ما القيمة الدينية لمكة المكرمة.</li><li>❖ ما شروط صلح الحديبية.</li><li>❖ أستنبط أهمية التوكل على الله من أحداث فتح مكة</li><li>❖ رسم خريطة ذهنية لأحداث فتح مكة</li><li>❖ ما فوائد السفر في الإسلام-1</li><li>❖ وضح آداب السفر-2</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://ar.wikipedia.org/wiki/%D9%81%D8%AA%D8%AD_%D9%85%D9%83%D8%A9">https://ar.wikipedia.org/wiki/%D9%81%D8%AA%D8%AD_%D9%85%D9%83%D8%A9</a></li><li>❖ <a href="https://kalemteyeb.com/safahat/item/42234">https://kalemteyeb.com/safahat/item/42234</a></li><li>❖ <a href="https://dorar.net/feqhia/2874/%D8%AA%D9%85%D9%87%D9%8A%D8%AF-%D9%81%D9%8A-%D8%A2%D8%AF%D8%A7%D8%A8-">https://dorar.net/feqhia/2874/%D8%AA%D9%85%D9%87%D9%8A%D8%AF-%D9%81%D9%8A-%D8%A2%D8%AF%D8%A7%D8%A8-</a></li></ul>



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	<p>أستنبط أهمية التوكل على الله من أحداث فتح مكة</p> <p>1- أبين فوائد السفر في الإسلام.</p> <p>2- أوضح آداب السفر.</p> <p>3- أستنبط ثمرات التأداب بآداب السفر.</p> <p>4- أسمع الأدعية الماثورة في السفر.</p>	<ul style="list-style-type: none"><li>❖ أستنبط ثمرات التأداب بآداب السفر -3</li><li>❖ أذكر الأدعية الماثورة في السفر-4</li></ul>	<p><a href="#">%D8%A7%D9%84%D8%B3%D9%81%D8%B1</a></p>
<p>ARABIC (Non- Arabs)</p>	<p>وقت مع الأسرة – Topic</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>❖ Encourage your child to describe how to spend the time with the family members.</li><li>❖ motivate your child to describe the qualities of the family members.</li><li>❖ To create a dialogue about the family.</li><li>❖ to analyze the text.</li><li>❖ to use figurative language and figurative devices.</li></ul>	<p><b>Activities:</b> Ensure your child follows the checklist:</p> <ul style="list-style-type: none"><li>❖ Make sentences about my family using the new vocabulary.</li><li>❖ Participate with my friends to make a mind map of my family</li><li>❖ Create a dialogue about my family.</li><li>❖ Make a paragraph about my family.</li><li>❖ Make a message about my family</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://seraj-uae.com/file/32/">https://seraj-uae.com/file/32/</a></li></ul>
<p>ARABIC (Arabs)</p>	<p>قصة العقد - قصيدة الحجر الصغير - أدوات نصب الفعل المضارع</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>❖ يحلل القصة تحليلاً فنياً وأدبياً</li><li>❖ يستنتج الفكرة العامة للقصة والأفكار الداعمة</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ يستنتج العناصر الفنية للقصة</li><li>❖ يكتب نهاية مختلفة للقصة</li><li>❖ يوظف مفردات الأبيات في سياق لغوي جديد</li><li>❖ يستخرج الصور الفنية الواردة في الأبيات</li><li>❖ يحدد علامات نصب الفعل المضارع</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://www.youtube.com/watch?v=N0BCtvZOPJg">https://www.youtube.com/watch?v=N0BCtvZOPJg</a></li><li>❖ <a href="https://seraj-uae.com/file/297/">https://seraj-uae.com/file/297/</a></li></ul>



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	<ul style="list-style-type: none"><li>❖ يحلل الأبيات تحليلًا أدبيًا وبلاغيًا</li><li>❖ يفارن بين الأبيات ومثيلاتها في نفس الغرض</li><li>❖ يتعرف أدوات نصب الفعل المضارع</li><li>❖ يعرب الفعل المضارع المنصوب إعرابًا صحيحًا</li></ul>	<ul style="list-style-type: none"><li>❖ يوظف الفعل المضارع المنصوب في كتابته</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://seraj-uae.com/file/3848/">https://seraj-uae.com/file/3848/</a></li></ul>
ISLAMIC STUDIES (Non- Arabs)	<p><b>Topic:</b> I AM THE BEST OF YOU TO MY FAMILY</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>❖ To comprehend the importance of a balanced family</li><li>❖ To evaluate the consequences of imbalanced family system</li></ul> <p><b>Topic:</b> THE BATTLE OF HUNAYN</p> <p>Learning objectives:</p> <ul style="list-style-type: none"><li>❖ To define the causes of the battle of Hunayn ( By referencing Quran&amp; seerah).</li><li>❖ to analyze Prophet's (P.B.U.H) instruction during battle.</li></ul>	<p><b>Activities:</b> Discuss with your child:</p> <ul style="list-style-type: none"><li>❖ How important is mutual respect in order to keep the family system strong and balanced? In your opinion, how important is it to take individual responsibility to make it successful?</li><li>❖ 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.</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://www.dar-alifta.org/en/fatwa/details/8336/what-is-the-concept-of-family-in-islam">https://www.dar-alifta.org/en/fatwa/details/8336/what-is-the-concept-of-family-in-islam</a></li><li>❖ <a href="https://www.islamicfinder.org/knowledge/islam-and-sunnah/battle-of-hunain-ghazwa-hunayn/">https://www.islamicfinder.org/knowledge/islam-and-sunnah/battle-of-hunain-ghazwa-hunayn/</a></li></ul>



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PSHCEE	<p><b>Topic: The Environment</b></p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>❖ To explore the different environmental issues.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ Discuss with your child environmental issues like Global Warming, Deforestation etc</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://www.ibm.com/think/topics/environmental-issues">https://www.ibm.com/think/topics/environmental-issues</a></li></ul>
MORAL EDUCATION	<p><b>Topic: Understanding Globalisation</b></p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>❖ To explore the different concepts of globalisation.</li><li>❖ To explore how the UAE connects to the rest of the world in terms of trade and communication.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ Discuss with your child the importance of globalisation.</li><li>❖ Encourage your child to read more about how globalisation affects the economy of the country.</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://education.nationalgeographic.org/resource/effects-economic-globalization/">https://education.nationalgeographic.org/resource/effects-economic-globalization/</a></li></ul>
HISTORY	<p><b>Topic: Development of Democracy in Britain: Women Suffrage</b></p> <p><b>Learning Objective:</b> To analyse the voting rights of women in Britain through acts of Parliament in 1918 and 1928.</p>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ Motivate your child to create a comparative evaluation of the women's voting rights in the 18th centuries to the present times in Britain.</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="#">yr. 8 History Work book</a></li></ul>



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GEOGRAPHY	<b>Topic: COASTS: Waves &amp; Tides</b> <b>Learning Objectives:</b> To examine the causes of waves and tides.	<b>Activities:</b> <ul style="list-style-type: none"><li>❖ Encourage your child to create a model to illustrate the formation of waves.</li></ul>	❖ <a href="https://oceanservice.noaa.gov/facts/wavesinocean.html">https://oceanservice.noaa.gov/facts/wavesinocean.html</a>
UAE SOCIAL STUDIES	<b>Topic: Origins of Science in South Asia</b> <b>Learning Objectives:</b> To analyse the influence of Indian Mathematics and Science in the Pre-modern period.	<b>Activities:</b> <ul style="list-style-type: none"><li>❖ 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</li></ul>	❖ <a href="#">UAE SST MOE Textbook Year 8</a>
FRENCH	<b>Topic: Vacances De Rêve</b> <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>❖ To name means of transports</li><li>❖ To give opinions about transportation</li><li>❖ To discuss past holidays</li><li>❖ To use the past</li></ul>	<b>Activities:</b> <ul style="list-style-type: none"><li>❖ Encourage your child to go through your photo albums and take the opportunity to spend some time together remembering the past holidays spent together.</li><li>❖ What were the best moments and what would you change?</li><li>❖ Have you already thought about the destination of your next holiday?</li><li>❖ Motivate your child to discuss the means of transport used in ancient and modern times</li></ul>	❖ <a href="#">Les Moyens de Transport Flashcards   Quizlet</a> ❖ <a href="#">Les dernieres vacances Flashcards   Quizlet</a>



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ICT	<p><b>Topic:</b> Python Programming</p> <p><b>Learning Objectives:</b> To implement if, elif and nested if conditions for decision making in python programming.</p>	<p><b>Activities:</b> Encourage your child to:</p> <ul style="list-style-type: none"><li>❖ Create a python program to take in the marks of 5 subjects and display the grade.</li><li>❖ Create a python program that find the total scores got in the end of academic year.</li></ul>	<p>❖ <a href="https://www.w3schools.com/python/">Python Tutorial (w3schools.com)</a></p>
STEAM	<p><b>Topic:</b> SPACE AND ROCKET</p> <p><b>Learning Objectives:</b> To evaluate how a star is formed and understand that the brightness of a star is due to its relative distance from Earth.</p>	<p><b>Activities:</b> Support your child to</p> <ul style="list-style-type: none"><li>❖ Research and discuss the position of stars in the Milky Way.</li><li>❖ Explain about the milky way galaxies and gravitational force in the space.</li><li>❖ <b>Create</b> a 3D model for the solar system to simulate the sound of a rocket launch.</li><li>❖ <b>Create</b> a 3D model system to represent the relationship between the brightness of stars and their distance from Earth.</li></ul>	<p>❖ <a href="https://solarsystem.nasa.gov/resources/2393/earth-3d-model/">https://solarsystem.nasa.gov/resources/2393/earth-3d-model/</a></p>