



The Winchester School

Year 8- Family Learning Newsletter – November – 2024

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>Topic: The Tempest Learning Objectives:</p> <ul style="list-style-type: none">❖ To analyse explicit and implicit ideas in <i>The Tempest</i>.❖ Compose a letter embedding implicit and explicit details from <i>The Tempest</i>.	<p>Activity: Encourage your child to -</p> <ul style="list-style-type: none">❖ Create a Character Collage: Encourage your child to select a character from <i>The Tempest</i> and create a collage that represents their traits, interests, and experiences on the island. Then, help your child write an informal letter to a friend describing their collage and explaining why they chose those images.❖ Stage a Scene: Guide your child in selecting a scene from the play and staging it at home using costumes and props. Afterward, have them write an informal letter to a family member describing the scene they acted out, including details about the characters and what they learned from the experience.❖ Build a Treasure Map: Motivate your child to create a treasure map of the island from <i>The Tempest</i>, marking important locations and events. Then, encourage them to write an informal letter to a friend, inviting them on an adventure to find the	<p>https://www.sparknotes.com/shakespeare/tempest/</p>



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		treasure, describing the locations and their significance in the story.	
MATHS	<p>TOPIC: Statistics-Data Handling</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ❖ Evaluate the mean using a frequency table ❖ Evaluate the median of a data using cumulative frequency. ❖ Mode of the data from the frequency table <p>Topic – Ratio and proportion</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> ❖ Ratio to its Simplest form: To be able to recognise, use ratio notation and understand that a multiplicative relationship between two quantities can be expressed as a ratio or a fraction and reduce the given ratio to its simplest form. 	<p>Activities:</p> <ul style="list-style-type: none"> ❖ Engage in collecting a statistical data and find the median using the cumulative frequency. ❖ Research on your favourite sport, collect the data and draw a cumulative frequency table, bar graph, and find the mean, median score. ❖ Talk to your child regarding the importance of ratio and proportion by giving them examples of No. of family members in the house. Ratio of men to the ratio of women or ratio of kids to the total members in the family. ❖ Encourage your child to use mathematical reasoning to make connection of recipe of making cake with mathematics. ❖ Challenge you child: The answer is '£350 and £450'. What is the question? 	<p>https://www.mathsisfun.com/data/index.html</p> <p>https://www.bbc.co.uk/bitesize/topics/z3nygk7</p> <p>http://www.mathworksheets4kids.com/ratio.html</p> <p>http://www.mathworksheetsland.com/topics/ratios.html</p> <p>Real life application</p> <p>http://www.mathsisfun.com/ratio2.html</p> <p>http://www.arcademics.com/games/ratio-stadium/ratio-stadium.html</p>



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	<ul style="list-style-type: none"> ❖ Divide a quantity: To be able to divide a given quantity into two parts, in each part or whole ratio. ❖ Direct proportion: To be able to solve problems involving direct proportion and inverse proportion. 	<ul style="list-style-type: none"> ❖ Discuss real life examples of Ratio and proportion- including Direct and Inverse proportion ❖ Encourage them to Say a recipe to make brownie which requires 4 cups of flour for 6 persons, You may want to know how much flour to put for 24 persons. ❖ Research on cross curricular links: ❖ Relationships such as the "golden ratio" are also extremely important in biology. ❖ Research on Pi(3.14) were the ratio is used to find the Circumference of any circular objects. 	
SCIENCE	<p>TOPIC: RESPIRATION LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"> ❖ To construct a lung model and explain how the lungs helps us to breathe. ❖ To plan an investigation to find out the by-products of aerobic respiration formed, by yeast cells. ❖ To plan an investigation to measure the stamina using our pulse rate and analyse who amongst the class has a very good stamina. 	<p>Activities: Encourage your child to:</p> <ul style="list-style-type: none"> ❖ Create a model of lungs and demonstrate the process of inhalation & exhalation. ❖ Create a Dictaphone activity on the process of respiration, by creating question. ❖ Describe real life application of aerobic & anaerobic respiration of yeast. (example: Role of yeast during baking). Students could present their work, by making a Prezi, ppt or a posters. 	<ul style="list-style-type: none"> ❖ https://www.instructables.com/Make-a-Human-Lung-Model/ ❖ https://www.csub.edu/chemistry/files/Cellular Respiration with YeastAO.pdf ❖ https://www.bbc.co.uk/bitesize/guides/zsk8cj6/revision/5 ❖ https://www.bbc.co.uk/bitesize/articles/zdqx2v4#zsk7v4



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	<ul style="list-style-type: none">❖ Describe some evidence to show that anaerobic respiration can produce carbon dioxide.❖ Construct a method to show what is produced in anaerobic respiration.❖ Explain why some sports involve more aerobic or more anaerobic respiration.❖ Explain what is meant by oxygen debt	<ul style="list-style-type: none">❖ Plan an investigation, to find out the products of aerobic respiration in yeast.❖ Plan an investigation, to find out who amongst the class has a good stamina.❖ Demonstrate how to set up a yeast experiment using a balloon to collect the gas. Students work in pairs to set up the experiment.❖ Use photos or videos of other sports such as weightlifting and sprinting and ask the students to suggest how these sports differ from the sports in the real-life video. Students should discuss whether the sportspeople gain energy in the same way.	<ul style="list-style-type: none">❖ https://www.bbc.co.uk/bitesize/topics/zvrrd2p/articles/zcsbmsg#zt3bydm❖ https://www.mytutor.co.uk/answers/7308/GCSE/Biology/What-is-an-oxygen-debt/❖ https://byjus.com/biology/aerobic-anaerobic-respiration/#:~:text=During%20heavy%20or%20intensive%20exercise,to%20fulfil%20the%20energy%20demand.
Arabic for Arabs	<p>Topic: Learning Objectives: قصة قصيرة العق د: شعر إرادة وثبات</p> <ul style="list-style-type: none">❖ يبين الفكرة الرئيسية والأفكار الداعمة في القصة❖ يحلل الشخصيات من خلال أقوالها وأفعالها❖ يفسر مفردات الأبيات❖ يستنتج الغرض الشعري للأبيات	<p>Activities:</p> <ul style="list-style-type: none">❖ يحلل القصة تحليلاً فنياً وأدبياً❖ يتتبع التقنيات الفنية الموجودة في القصة❖ يبين المعنى الإجمالي للأبيات❖ يشرح الصور الفنية في الأبيات	<p>https://uae-school.com/archives/18108</p> <p>https://seraj-uae.com/file/299/</p>



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<p>ISLAMIC STUDIES (Arabs)</p>	<p>Topic: الكسب الطيب</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ توضيح العلاقة بين الكسب الطيب وقبول العمل❖ التمييز بين الكسب الحلال والكسب الخبيث❖ استنتاج أسباب قبول الدعاء <p>الإيمان بالقضاء والقدر</p> <p>توضيح مفهوم القضاء والقدر بيان مفهوم التوكل على الله استنتاج أهمية الإيمان بالقضاء والقدر للمسلم</p>	<p>Activities:</p> <ul style="list-style-type: none">❖ ابحث وفكر: في القرآن عن ثلاث آيات تتحدث عن القضاء والقدر. واكتب الآيات مع بيان اسم السورة ورقم الآية❖ ابحث واكتب: ما أسباب قبول الدعاء وعدم قبول الدعاء من الله؟❖ البحث عن ثلاث آيات في القرآن وردت فيها كلمة "ربنا" بغرض الدعاء	
<p>ARABIC (Non- Arabs)</p>	<p>TOPIC – الاحتفالات والمناسبات</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none">❖ To describe different occasions and celebrations.❖ To describe New Year's Eve in Dubai❖ To describe the National Day celebration in Dubai❖ To describe the different occasions of my family members (birthday, graduation, wedding)❖ to analyse the text.	<p>Activities : Motivate your child to</p> <ul style="list-style-type: none">❖ Make sentences about different occasions and celebrations.❖ Participate with my friends to make a mind map about New Year's Eve in Dubai❖ Create a dialogue about the National Day celebration in Dubai❖ Write paragraph about the different occasions of my family members❖ Write a message about the different celebrations in the UAE	<p>سراج (seraj-uae.com)</p>



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	<ul style="list-style-type: none"> ❖ to use figurative language and literacy styles. 		
<p>ISLAMIC STUDIES (Non- Arabs)</p>	<p>Topic: Good earning Learning Objectives:</p> <ul style="list-style-type: none"> ❖ To elucidate the concept and importance of Good earning ❖ To recognize the positive effect of halal earning on society 	<p>Activities:</p> <ul style="list-style-type: none"> ❖ Write an article about the efforts of U.A.E rulers to build an innovative and sustainable environment for all in the country and their encouragement to everyone to use their energies on the right track. 	<p>https://salamislam.com/articles/lifestyle/importance-lawful-earning-islam-part-1</p>
<p>PSHCEE</p>	<p>Topic: Growth Mindset, Tolerance, Active Citizenship Learning Objectives:</p> <ul style="list-style-type: none"> ❖ To identify fixed mindset thoughts and to discuss how to replace them with growth mindset thoughts. ❖ To discuss and examine tolerance. ❖ To know what activities can be done as an active citizenship project 	<p>Activities: With your child -</p> <ul style="list-style-type: none"> ❖ Talk about the importance of having growth mindset than fixed mindset. ❖ Discuss on how accepting other's differences make a big impact to the society. ❖ Encourage to participate in the community program. 	<p>https://biglifejournal.com/blogs/blog/fixe-d-mindset-vs-growth-mindset-examples#:~:text=Fixed%20Mindset%3A%20It's%20embarrassing%20when,help%20children%20shift%20their%20mindset.</p>



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MORAL EDUCATION	<p>Topic: Individual Responsibilities and Duties and Moral Obligations</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ❖ To discuss the morals that students should adopt, responsibilities and duties towards others they deal with daily. ❖ To demonstrate the ability to speak in front of others about their responsibilities and duties towards their classmates. 	<p>Activities: With your child -</p> <ul style="list-style-type: none"> ❖ Discuss the different responsibilities and duties they have at home and at school ❖ Motivate to be more proactive in doing their duties and responsibilities. 	<p>https://www.schoolsofdehradun.com/schools/duties-responsibilities-of-students-in-school/</p>
HISTORY	<p>Topic: – Transport: Railways</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ❖ To assess the impact of advent of railways in Britain. 	<p>Activities: Motivate your child to have a discussion on:</p> <ul style="list-style-type: none"> ❖ The effect the railways have on where ordinary working-class people travelled? ❖ How did railways change people's lives? 	<ul style="list-style-type: none"> ❖ Win History Workbook ❖ www.studyhistory.co.uk ❖ www.bbc.co.uk/history ❖ www.schoolhistory.co.uk ❖ www.history on the net
GEOGRAPHY	<p>TOPIC: Landforms created by waves</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ❖ To analyse how waves, create landforms. 	<p>Activities:</p> <ul style="list-style-type: none"> ❖ Encourage your child to create an annotated diagram to show the formation of landforms created by waves. 	<ul style="list-style-type: none"> ❖ https://www.teachitgeography..uk/ ❖ www.bbc.co.uk/geography ❖ https://www.bbc.co.uk/bitesize/t ❖ Opics/zpcqxn/resources/1



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<p>UAE SOCIAL STUDIES</p>	<p>TOPIC: Spread Cultures in China and S E Asia LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"> ❖ To examine the arrival of the first Muslims to China in the 8th century during the Tang Dynasty 	<p>Activities:</p> <ul style="list-style-type: none"> ❖ Motivate you child to discuss on how Chinese Muslims contributed to Asian Society 	<p>UAE SST MOE textbook for year 8</p>
<p>FRENCH</p>	<p>Topic: Les tâches ménagères Learning Objectives:</p> <ul style="list-style-type: none"> ❖ To develop vocabulary describing everyday activities and how often they help at home using connectives and opinions. ❖ To conjugate verbs in the past perfect tense with a help of auxiliary verbs AVOIR 	<p>Activities:</p> <ul style="list-style-type: none"> ❖ Encourage your child to do a regular work :15- 20 minutes 5 times a week spent with French will guarantee a good progress ❖ Listen together to a French radio station while doing household chores. ❖ Give a good example to memorize some French vocabulary. 	<p>Reading practice - household tasks - My home - CCEA - GCSE French Revision - CCEA - BBC Bitesize</p> <p>How to Talk About Chores in French FluentU Language Learning</p> <p>Using the perfect tense with 'avoir' in French - BBC Bitesize</p>
<p>ICT</p>	<p>Topic: Problem Solving- Pseudocode Learning Objectives:</p> <ul style="list-style-type: none"> ❖ To assess the use of logical conditions in pseudocode and to make a decision using if else statements. 	<p>Activities:</p> <ul style="list-style-type: none"> ❖ Encourage your child to write a pseudocode to design a simple calculator to perform addition, subtraction, multiplication and division. 	<p>Pseudocode - Designing an algorithm - KS3 Computer Science Revision - BBC Bitesize</p>



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STEAM	<p>Topic: Tinkercad Invent a Device That Can Move Through a Pipe</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To Create a 2D representation of a device that can move through a pipe using art materials or digital resources.❖ To 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>
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