



# The Winchester School

## Year 8 - Family Learning Newsletter - March- 2020

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>TOPIC: GOTHIC LITERATURE</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"><li>To develop research skills.</li><li>To develop persuasive skills</li><li>To develop analytical and critical thinking skills</li></ul>	<ul style="list-style-type: none"><li>Ask your child to research on the gothic genre.</li><li>They could encourage further find an example of another text which is an example of gothic Literature and explain why this conforms to the Gothic genre.</li><li>Encourage your child to write their own short script.</li><li>Discuss with your child on how the society is similar to the main themes in Frankenstein.</li><li>Challenge your child to persuade you to believe that the monster is not at fault.</li></ul>	<p><a href="http://www.gradesaver.com/frankenstein/">http://www.gradesaver.com/frankenstein/</a></p> <p><a href="http://www.dagonbytes.com/telibrary/index.html">http://www.dagonbytes.com/telibrary/index.html</a></p>
MATHS	<p>TOPIC : PIE CHARTS</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"><li>Describe, interpret and compare observed distributions of a single variable through appropriate graphical representation involving discrete data.</li></ul>	<ul style="list-style-type: none"><li><b>Encourage them</b> to collect examples from newspapers or magazines related to pie charts or bar charts and <b>discuss</b> the importance of pie charts used for representing data.</li></ul>	<p><a href="http://www.bbc.co.uk/schools/gcsebitesize/maths/statistics/representingdata1rev2.shtml">http://www.bbc.co.uk/schools/gcsebitesize/maths/statistics/representingdata1rev2.shtml</a></p>



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	<ul style="list-style-type: none"><li>• Construct and interpret appropriate tables, charts and diagrams, including pie charts for categorical data</li></ul> <p><b>Polygons</b></p> <ul style="list-style-type: none"><li>• Classification of regular and irregular polygons. Introduction to interior and exterior angles.</li></ul>	<ul style="list-style-type: none"><li>• Post questions to the students on the basis of collected data so that students will learn to interpret the given pie chart.</li><li>• <b>Assist</b> students to create their own pie charts or bar charts representing their activities done in a day or by conducting survey on family or neighbours on how much time they spend in doing different activities during the day.</li><li>• <b>Research:</b> Different types of representing data diagrammatically</li><li>• <b>Encourage: Help</b> your child to investigate the sum of the angles of a polygon.</li><li>• <b>Activity:</b> The students are given different regular polygons and asked to identify the number of triangles in them by the paper folding technique and then they deduce the sum of the angles in a polygon given.</li></ul>	<p><a href="http://www.mathsisfun.com/data/pie-charts.html">http://www.mathsisfun.com/data/pie-charts.html</a></p> <p><a href="http://www.knightswoodsecondary.org.uk/...Worksheets/PieCharts_drawing.html">www.knightswoodsecondary.org.uk/...Worksheets/PieCharts_drawing.html</a></p> <p><a href="https://www.mangahigh.com/en/maths_games/shape/polygons/interior_angles_of_polygons">https://www.mangahigh.com/en/maths_games/shape/polygons/interior_angles_of_polygons</a></p> <p><a href="https://www.cacsk12.org/userfiles/1091/Classes/7815/angles%20of%20polygons%202.pdf">https://www.cacsk12.org/userfiles/1091/Classes/7815/angles%20of%20polygons%202.pdf</a></p>
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SCIENCE	<p>TOPIC – PHOTOSYNTHESIS</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"><li>• Understanding the importance of food.</li><li>• Exploring how plants make food.</li><li>• Investigating the process of Photosynthesis.</li></ul> <p>TOPIC – RESPIRATION</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"><li>• To Construct a lung model and explain how the lungs helps us to breathe.</li><li>• To plan an investigation to find out the by-products of aerobic respiration formed, by yeast cells.</li><li>• To plan an investigation to measure the stamina using our pulse rate and analyse who amongst the class has a very good stamina.</li><li>• Describe some evidence to show that anaerobic respiration can produce carbon dioxide.</li><li>• Construct a method to show what is produced in anaerobic respiration.</li></ul>	<ul style="list-style-type: none"><li>• Group talk -Ask the students to work in groups of three to brainstorm and discuss why plants are useful and important.</li><li>• Draw a labelled diagram showing how plants manufacture their own food by the process of photosynthesis.</li><li>• Develop the students’ ideas and introduce photosynthesis as a chemical reaction in which carbon dioxide and water are the reactants, and glucose and oxygen are the products.</li><li>• Students can also create a model of lungs and demonstrate the process of inhalation &amp; exhalation.</li><li>• Students can create a Dictaphone activity on the process of respiration, by creating question.</li><li>• Describe real life application of aerobic &amp; anaerobic respiration of yeast. (example: Role of yeast during baking)Students could present their work, by making a Prezi, ppt or a poster on logster.</li><li>• Plan an investigation, to find out the products of aerobic respiration in yeast.</li></ul>	<p><a href="https://www.youtube.com/watch?v=68b1HAIfX08">https://www.youtube.com/watch?v=68b1HAIfX08</a></p> <p><a href="https://byjus.com/biology/photosynthesis/">https://byjus.com/biology/photosynthesis/</a></p> <p><a href="https://www.youtube.com/watch?v=k2oGu9bSY">https://www.youtube.com/watch?v=k2oGu9bSY</a></p> <p><a href="https://www.youtube.com/watch?v=i8c5JcnFaJ0">https://www.youtube.com/watch?v=i8c5JcnFaJ0</a></p> <p><a href="https://www.youtube.com/watch?v=CBv2BqqAydE">https://www.youtube.com/watch?v=CBv2BqqAydE</a></p> <p><a href="https://www.youtube.com/watch?v=sbG6rpfy07Y">https://www.youtube.com/watch?v=sbG6rpfy07Y</a></p> <p><a href="https://www.youtube.com/watch?v=4GB2BLQGX0s">https://www.youtube.com/watch?v=4GB2BLQGX0s</a></p> <p><a href="https://www.youtube.com/watch?v=8_x7Fy06ibg">https://www.youtube.com/watch?v=8_x7Fy06ibg</a></p> <p><a href="https://www.youtube.com/watch?v=RDUqDWIFJdw">https://www.youtube.com/watch?v=RDUqDWIFJdw</a></p>
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	<ul style="list-style-type: none"><li>• Explain why some sports involve more aerobic or more anaerobic respiration.</li><li>• Explain what is meant by oxygen debt.</li></ul>	<ul style="list-style-type: none"><li>• Plan an investigation, to find out who amongst the class has a good stamina.</li><li>• Demonstrate how to set up a yeast experiment using a balloon to collect the gas. Students work in pairs to set up the experiment.</li><li>• Using 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 or not these sportspeople gain energy in the same way.</li></ul>	<a href="https://www.youtube.com/watch?v=8Y_Fdjl2v4I">https://www.youtube.com/watch?v=8Y_Fdjl2v4I</a>
ARABIC (Arabs)	TOPIC - روح الطبيعة وداعًا يا أحبائي فعل الأمر  LEARNING OBJECTIVES- - أن يحدد المتعلم المعنى الإجمالي للنص - - أن يحدد علاقات التضاد والترادف بين الكلمات -	يكتب الطالب موضوعًا وصفيًا عن جمال الطبيعة موظفًا التشبيه والكلمات المترادفة والكلمات المتضادة.  يكتب الطالب قصة قصيرة موظفًا السرد والوصف والحوار.  يكتب الطالب مجموعة إرشادات في موضوع محدد مستخدمًا فعل الأمر.	<a href="https://mawdoo3.com/%D9%85%D9%88%D8%B6%D9%88%D8%B9%D8%B9%D9%86%D8%AC%D9%85%D8%A7%D9%84%D8%B7%D8%A8%D9%8A%D8%B9%D8%A9">https://mawdoo3.com/%D9%85%D9%88%D8%B6%D9%88%D8%B9%D8%B9%D9%86%D8%AC%D9%85%D8%A7%D9%84%D8%B7%D8%A8%D9%8A%D8%B9%D8%A9</a>  <a href="https://www.youtube.com/watch?v=INfiHKtQfU0">https://www.youtube.com/watch?v=INfiHKtQfU0</a>



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	<p>:. أن يحلل النص تحليلاً أدبيًا -</p> <p>. أن يحدد المتعلم الأحداث التي تطور الحكمة في الرواية -</p> <p>. أن يتتبع السرد والوصف والحوار في القصة -</p> <p>. أن يحلل الشخصيات من خلال أفعالها وأقوالها -</p> <p>:. أن يفسر الكلمات مستخدمًا المعجم الورقي والرقمي -</p> <p>. أن يتعرف المتعلم فعل الأمر وحالات بنائه -</p>		
ISLAMIC STUDIES (Arabs)	<p>TOPIC – فضائل المؤمن – تلاحم المجتمع</p> <p>LEARNING OBJECTIVES-</p> <p>يقرأ الحديث قراءة سليمة معبرة</p> <p>يبين أهمية التكافل الاجتماعي</p> <p>يوضح الاعمال التي تحقق التلاحم في المجتمع-</p> <p>يتلو الآيات تلاوة صحيحة مجودة</p> <p>يفسر معاني المفردات</p> <p>يبين المعنى الإجمالي للآيات</p> <p>يدلل على قدرة الله تعالى ووحدانيته</p>	<p>يكلف الطالب ببعض التكاليف البيتية ويحرص على الصلاة في أوقاتها وحفظ سورة الواقعة</p> <p>يكتب بحثًا عن فضل تفرج الكرب عن الانسان</p> <p>يكتب بحثًا عن تلاحم المجتمع</p> <p>يكتب عن فضل الصدقة وأثرها على المجتمع</p>	<p><a href="https://www.youtube.com/watch?v=E68U7B8W4hg">https://www.youtube.com/watch?v=E68U7B8W4hg</a></p> <p><a href="https://www.youtube.com/watch?v=w62Clc2bzgM">https://www.youtube.com/watch?v=w62Clc2bzgM</a></p>



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<p>ARABIC (Non- Arabs)</p>	<p>TOPIC – النظافة</p> <p>LEARNING OBJECTIVES-</p> <p>أن يصمم الطالب خريطة ذهنية عن النظافة الشخصية</p> <p>أن يصمم لافتات عن نظافة الأماكن العامة -</p> <p>أن يحلل النص تحليلاً أدبياً -</p> <p>أن يصف الطالب عمل والده -</p> <p>أن يصمم خريطة ذهنية توضح مكونات السيرة الذاتية -</p> <p>أن ينشيء موضوعاً عن النظافة -</p> <p>أن يوضح أهمية النظافة -</p> <p>أن يقارن بين نظافة الشوارع في دبي وبلاد أخرى -</p>	<p>- يصمم لوحة من ابداعه عن أهمية النظافة -</p> <p>-يتكلم عن نظافة الحدائق والشواطئ في الإمارات</p> <p>- يقرأ عن أهمية النظافة للوقاية من الفيروسات</p> <p>يسجل فيديو يتحدث فيه عن أهمية النظافة الشخصية -</p> <p>ونظافة الأماكن العامة</p> <p>يكتب تقريراً عن النظافة في دبي</p> <p>يكتب لافتات عن النظافة</p> <p>يقرأ تقريراً في جريدة الخليج عن اهتمام بلدية دبي</p> <p>بنظافة الأماكن العامة</p>	<p><a href="http://learnarabiconline.ksu.edu.sa/Unit7/Lesson2/7-2-2.aspx">http://learnarabiconline.ksu.edu.sa/Unit7/Lesson2/7-2-2.aspx</a></p> <p><a href="https://www.youtube.com/watch?v=s39yPVWGfWo">https://www.youtube.com/watch?v=s39yPVWGfWo</a></p>
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<p>ISLAMIC STUDIES (Non- Arabs)</p>	<p>TOPIC –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)</li> <li>➤ To infer lessons from the battle.</li> <li>➤ To evaluate the benefits of confronting challenges ( By referencing Seerah)</li> </ul>	<ul style="list-style-type: none"> <li>➤ Motivate your child –</li> <li>● Create a chart showing the strategies used during the time of Prophet (P.B.U.H) and compare these strategies with today’s war strategies by comparing advantages and disadvantages of these strategies.</li> </ul>	<p><a href="#">The battle of Hunayn</a></p>
<p>PSHCEE</p>	<p>TOPIC –Financial Management</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>● To understand the different types of bank accounts.</li> <li>● To know how to budget.</li> </ul>	<ul style="list-style-type: none"> <li>● Encourage your child to manage the finances of their own expenses and provide you with a weekly report on how much was spent, on what it was spent and what could be done to budget more economically for the following week.</li> <li>● Encourage your child to have a talk with a relative, friend or neighbour who works in a bank about his/her job.</li> <li>● Encourage your child to accompany you to the bank the next time you need to get some bank work done.</li> </ul>	<p><a href="https://www.mymoneycoach.ca/budgeting/what-is-a-budget-planning-forecasting">https://www.mymoneycoach.ca/budgeting/what-is-a-budget-planning-forecasting</a></p>
<p>MORAL EDUCATION</p>	<p>TOPIC –Necessities of life</p> <p>LEARNING OBJECTIVES-</p>	<ul style="list-style-type: none"> <li>● Encourage your child to research the basic human needs, and explain why meeting such needs is important.</li> </ul>	<p><a href="https://www.interaction-design.org/literature/article/needs-before-wants-in-user-experiences-maslow-and-the-hierarchy-of-needs">https://www.interaction-design.org/literature/article/needs-before-wants-in-user-experiences-maslow-and-the-hierarchy-of-needs</a></p>



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	<ul style="list-style-type: none"> <li>To understand some basic human needs, and why meeting such needs is important.</li> <li>To understand the link between unmet basic human needs and the occurrence of violent conflict.</li> </ul>	<ul style="list-style-type: none"> <li>Discuss with your child the impact of not meeting basic human needs and the occurrence of violent conflict.</li> </ul>	
HISTORY	<p>TOPIC – Andrew Jackson: hero or villain? Trail of Tears</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>To investigate the Cherokee Indian tribe's history.</li> </ul>	<p>➤ Encourage your child –</p> <ul style="list-style-type: none"> <li>Research and conclude which would you describe Andrew Jackson as? A hero or a villain? Why?</li> <li>Help your child write an article on the early tribes of UAE</li> <li>Imagine you belong to the Cherokee tribe make a diary entry to explain your feelings about what is happening to your people</li> </ul>	<p>Text book/ online resources  <a href="https://www.youtube.com/watch?v=SosZ2ZRJymU">https://www.youtube.com/watch?v=SosZ2ZRJymU</a>  <a href="https://www.youtube.com/watch?v=qalhDKLrWEQ">https://www.youtube.com/watch?v=qalhDKLrWEQ</a></p>
GEOGRAPHY	<p>TOPIC – Your holiday in Newquay</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>To assess the growth of Newquay over the years.</li> </ul>	<ul style="list-style-type: none"> <li>Read along with your child the changes that have come about in Newquay.</li> <li>Help your child create a documentary about how UAE has developed its coasts to attract tourism.</li> </ul>	<p>Text book / online resources</p>
UAE SOCIAL STUDIES	<p>TOPIC – Traditional Sports in UAE Innovation</p>	<ul style="list-style-type: none"> <li>Analyse along with your child the importance of preserving the traditional</li> </ul>	<p>UAE SST text book Year 8</p>





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	<p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"><li>• To analyse the sports sector in view of the significant role it plays in the development and advancement of the nation.</li><li>• To analyse the strategy targets that are stimulating innovation in UAE</li></ul>	<p>sports in UAE. Name few modern sports in UAE and compare them with traditional sports in form of poster or Infographic.</p> <ul style="list-style-type: none"><li>• Help your child make a video or an advertisement on behalf of the Ministry of sports of UAE promoting traditional sports.</li><li>• Help your child write a report on how innovation and creativity important for the progress of the nation in all the fields.</li></ul>	
FRENCH	<p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"><li>• To give information about past holidays.</li><li>• To give opinions about holidays.</li><li>• To use the past perfect forms conjugated with ETRE and AVOIR.</li><li>• To compare the past perfect tense with the imperfect tense.</li></ul>	<ul style="list-style-type: none"><li>• Encourage your child to do a regular work: 15- 20 minutes 4 times a week spent with French will guarantee a good progress.</li><li>• Ask your child to design a postcard (for example a post card from Dubai) When do we usually write post cards? What information do we include writing a postcard from holidays?</li></ul>	<p><a href="https://quizlet.com/132487030/1es-vacancescartes-postales-vocabulaire-flash-cards/">https://quizlet.com/132487030/1es-vacancescartes-postales-vocabulaire-flash-cards/</a> <a href="http://apprendre.tv5monde.com/fr/apprendre-francais/prononciation-la-consonne-finale-souvent-non-prononcee-0">http://apprendre.tv5monde.com/fr/apprendre-francais/prononciation-la-consonne-finale-souvent-non-prononcee-0</a> <a href="https://www.youtube.com/watch?v=z58hYF44cEI">https://www.youtube.com/watch?v=z58hYF44cEI</a> <a href="http://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-93754.php">http://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-93754.php</a></p>



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ICT	<p>TOPIC –Operating System</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"><li>• To research, analyse and compare the Android Operating system and Windows Operating System.</li><li>• To explore the different features of Android and Windows Operating system</li></ul>	<ul style="list-style-type: none"><li>• Encourage your child to explore analyse the features of Android and Windows Operating System.</li><li>• Motivate your child to do the research and make the presentation about the features of Android and Windows Operating system and its advantages and disadvantages.</li><li>• Please support your child to research, analyse and explore the difference in Android Operating System in comparison with Windows Operating System.</li></ul>	<p><a href="http://softmaptech.com/difference-between-android-windows-and-ios">http://softmaptech.com/difference-between-android-windows-and-ios</a></p>



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STEAM	TOPIC –LEGO EV3 LEARNING OBJECTIVES- <ul style="list-style-type: none"><li>• To design a driver base that can be used in real life applications.</li><li>• To describe the features and advantages of using robots to perform different applications.</li></ul>	<ul style="list-style-type: none"><li>• Encourage your child to explore about the applications of robot in industries.</li><li>• Motivate your child to do the research and make the presentation about the features of robot including its advantages and disadvantages.</li><li>• Support your child to develop program in LEGO EV3 for driver base.</li></ul>	<a href="https://www.britannica.com/technology/robot-technology">https://www.britannica.com/technology/robot-technology</a>
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