



The Winchester School

Year 8- Family Learning Newsletter – February - 2021

| SUBJECT | FOCUS | ACTIVITIES | WEBSITES |
|---------|--|---|---|
| ENGLISH | <p>TOPIC: Persuasive Letter</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none">➤ To develop further and extend persuasive letter writing skills. | <p>Motivate your child to practice the persuasive letter writing skills by writing on any one or more of the following prompts:</p> <ul style="list-style-type: none">➤ Life is better than it was 50 years ago.➤ Plagiarism and cheating should be punished more strictly.➤ Students should select their courses according to their performance➤ Classical music is the most sophisticated genre.➤ Social media is a major frustrating factor in the lives of many people. | <p>https://youtu.be/3tdCt2cJxco</p> <p>https://youtu.be/dgE-qrU1hXU</p> <p>https://youtu.be/xibeWmg0W0A</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 | <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>http://www.shodor.org/interactivate/lessons/TranslationsReflectionsRotations/</p> <p>http://www.mathsisfun.com/geometry/transformations.html</p> |



The Winchester School

Year 8- Family Learning Newsletter – February - 2021

- To be able to enlarge a 2D shape given a centre of enlargement and a positive integer scale factor

TOPIC: Straight line Graphs:

LEARNING OBJECTIVES

- Will be able to express functions algebraically and represent them in graph
- Will be able to find the equation of a line from its graph and calculate and interpret gradient and intercept of a graph.

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

- **Discuss** real life examples of temperature as a dependent on various factors
- **Research:** How you can represent the growth of a company sales in different years in the form of straight-line graph.

<http://www.bbc.co.uk/schools/gcsebitesize/maths/statistics/representingdata1rev2.shtml>

<http://www.staff.vu.edu.au/mcaonline/units/percent/pereve.html>

http://www.bowlandmaths.org.uk/materials/projects/online/you_reckon/You%20Reckon_Web/page_08.htm

<http://nrich.maths.org/12011>



The Winchester School

Year 8- Family Learning Newsletter – February - 2021

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| | | | <p>http://www.educationworld.com/a_curr/mathchat/mathchat010.shtml</p> <p>https://www.learner.org/resources/series140.html</p> |
| SCIENCE | <p>TOPIC: Density & pressure</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none">➤ Use the particle model to explain differences in the densities of gases.➤ Evaluate a method of measuring density.➤ Describe what is meant by concentration and pressure. Use the particle model to explain differences in concentration and pressure. | <ul style="list-style-type: none">➤ Use three different balloons – one filled with helium, another with air and the third with carbon dioxide – to explore differences in the densities of these gases. Consider the chemical formula of the gases, in conjunction with the Periodic table. Students need to work out the molecular mass of each.➤ Encourage to make a model or can use a balloon to show that gases exert a pressure. Blow up a balloon and feel the balloon at different stages. They should establish that the more particles of air there are, the higher the pressure they exert.➤ Design another such experiment to show the relation between particles of air and the pressure it exerts. | <ul style="list-style-type: none">• https://www.youtube.com/watch?v=AYq1VLOo-EE• https://www.youtube.com/watch?v=cEnJITnn_4U• https://www.youtube.com/watch?v=D5QKH2jovjQ• https://www.youtube.com/watch?v=D5QKH2jovjQ |



The Winchester School

Year 8- Family Learning Newsletter – February - 2021

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| | <ul style="list-style-type: none">➤ Explain how pressure can be applied on a solid surface and describe some effects of varying pressure.➤ Describe how pressure in a liquid alters with depth. Explain pressure increases in relation to particles and gravity.➤ Relate floating and sinking to density, displacement and up thrust. | <ul style="list-style-type: none">➤ Encourage your child to make predictions about pressure – for example 'Will an elephant do more or less damage to a wooden floor than a woman in stiletto heels?'. (An elephant weighs about 5000 kg and a woman about 50 kg. An elephant's foot is about 40 cm in diameter, area about 1200 cm²; the area of a stiletto heel is less than 1 cm². Students will justify the answer.➤ Explore the idea of atmospheric pressure further by inviting students to attempt to separate Magdeburg hemispheres before and after evacuation. Applications: The students to identify potential implications and uses of understanding atmospheric pressure (e.g. better weather predictions to anticipate natural disasters; better training for athletes; improved treatment of people with breathing difficulties). | <ul style="list-style-type: none">• https://www.youtube.com/watch?v=Grziaq-caVE• https://www.youtube.com/watch?v=r7ZfzJ-yP3U |
| ARABIC (Arabs) | LEARNING OBJECTIVES: الحجر الصغير TOPIC: | يحول الطالب القصة في القصيدة إلى نص سردي متقيداً بالعناصر الفنية للقصة | https://www.youtube.com/watch?v=lZWIBlv0wpo |



The Winchester School

Year 8- Family Learning Newsletter – February - 2021

أن يحلل الطالب النص الشعري تحليلًا أدبيًا ولغويًا
أن يحدد عناصر القصة الشعرية
أن يحول القصة الشعرية إلى نص سردي
القرش الأبيض: TOPIC

LEARNING OBJECTIVES:

أن يحلل الطالب النص المعلوماتي تحليلًا أدبيًا ولغويًا
أن يحدد الفكرة الرئيسة والأفكار الداعمة
أن يبحث في مفهوم التوفير والاقتصاد وأهميته

أنواع الخبر: TOPIC

LEARNING OBJECTIVES:

أن يستنبط الطالب أنواع الخبر
أن يحدد إعرابه
أن يستخدمه في كتاباته

يبحث الطالب مفهوم الاقتصاد والتوفير ويبين الإيجابيات والسلبيات

يمتد الطالب موضوعًا مستخدمًا أنواع الخبر

<https://www.youtube.com/watch?v=jj409S3YUWA>

<https://www.youtube.com/watch?v=tq6-ELjsksQ>



The Winchester School

Year 8- Family Learning Newsletter – February - 2021

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| <p>ISLAMIC STUDIES (Arabs)</p> | <p>TOPIC: -الشفاء بيت عبد الله العذوية: آداب السفر</p> <p>LEARNING OBJECTIVES:</p> <p>يستنتج أهمية دور المرأة في خدمة المجتمع</p> <p>يوضح صفات شخصية الشفاء</p> <p>يستنبط الدروس العبر من شخصية الشفاء</p> <p>أن يبين فوائد السفر</p> <p>أن يوضح آداب السفر</p> | <p>يكتب موضوعاً عن قصة حياة السيدة الشفاء بنت عبد الله</p> <p>يكتب بحثاً عن آداب السفر</p> <p>يكتب موضوعاً عن خطور الغيبة والنميمة</p> | <p>https://www.youtube.com/watch?v=JzvGjdJ4Io</p> <p>https://www.youtube.com/results?search_query=%D8%A2%D8%AF%D8%A7%D8%A8+%D8%A7%D9%84%D8%B3%D9%81%D8%B1+</p> |
| <p>ARABIC (Non- Arabs)</p> | <p>TOPIC – عالم العمل</p> <p>LEARNING OBJECTIVES-</p> <p>أن يصمم الطالب السيرة الذاتية -</p> <p>أن يوضح الطالب أهمية العمل -</p> <p>أن يحلل الطالب النص تحليلاً أدبياً -</p> | <p>Motivate your child to self-assess -</p> <ul style="list-style-type: none">• I can write a topic about future jobs.• I can design my C.V• I can search for jobs in Gulf news.• I can talk about my father's job.• I can design a poster about jobs.• I can participate with my friends to do movie about jobs. | <p>https://www.youtube.com/watch?v=DBrzaGmY_Vk&list=PLOeNR_C2NUuVCfWViQA9fhqckiCZvf8R9&index=7</p> <p>https://www.youtube.com/watch?v=aXykZL6BisQ</p> |



The Winchester School

Year 8- Family Learning Newsletter – February - 2021

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| | <p>أن يوظف الطالب الأسالي بالأدبية و الصور الجمالية - ان ينشيء الطالب تقريرًا عن العمل في الإمارات -</p> | | <p>https://www.youtube.com/watch?v=ab5625UHGHA (214) Work Exclamation y8 22 3 2020 - YouTube (214) Work y8 22 3 2020 - YouTube</p> |
| <p>ISLAMIC STUDIES (Non- Arabs)</p> | <p>TOPIC:</p> <ul style="list-style-type: none">➤ ACTS ARE JUDGED BY INTENTION➤ SOCIAL COHESION <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none">➤ To highlight the significance of intention on deeds➤ To analyse the relationship between having sincere intentions and the acceptability of acts. (By referencing Ayat, Ahadeeth< Seerah & daily lives) | <p>Motivate your child to -</p> <p>Create a power point on the importance of sincere intention towards Allah.</p> <p>Search and write an article about the benefits a society can achieve while developing social Cohesion among people of the society</p> | <p>https://www.youtube.com/watch?v=QnFB4o0F8xU&ab_channel=Faithofbrotherhood</p> <p>https://www.youtube.com/watch?v=ydngV1SxkB0&ab_channel=QuranWeekly</p> |



The Winchester School

Year 8- Family Learning Newsletter – February - 2021

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| | <ul style="list-style-type: none"> ➤ To elucidate the concept of social cohesion. (By giving reference of Quran) ➤ To explore the ways to develop social cohesion (by giving reference of Ahadeeth) ➤ To evaluate the benefits of social cohesion. (By giving example of real life) | | |
| PSHCEE | <p>TOPIC: Financial Management</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"> ➤ To understand the different types of bank accounts. ➤ To know how to budget | <p>Encourage your child to manage the finances of their own expenses and provide you with a weekly report on what it was spent and ,on how much was spent what could be done to budget more economically for the following week.</p> <p style="padding-left: 40px;">,Encourage your child to have a talk with a relative friend or neighbour who works in a bank about his/her job.</p> <p>Encourage your child to accompany you to the bank the next time you need to get some bank work done.</p> | <p>https://www.mymoneycoach.ca/budgeting/what-is-a-budget-planning-forecasting</p> |



The Winchester School

Year 8- Family Learning Newsletter – February - 2021

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| MORAL EDUCATION | <p>TOPIC: Globalisation in the UAE</p> <p>LEARNING OBJECTIVES:</p> <p>To understand the concept of 'globalisation' and how it affects the UAE.</p> | <ul style="list-style-type: none"> ➤ Discuss the impact of globalisation in UAE. ➤ Talk to your child about the basic economic concepts. | <p>https://www.britannica.com/topic/globalization</p> |
| HISTORY | <p>TOPIC: World War 2</p> <p>LEARNING OBJECTIVES:</p> <p>To analyse the causes of World war 2</p> | <ul style="list-style-type: none"> ➤ Help your child prepare a presentation on the causes that led to world war 2 | <p>Causes of WORLD WAR II [AP World History] Unit 7 Topic 6 (7.6) - YouTube</p> <p>World War II: Crash Course World History #38 - YouTube</p> |
| GEOGRAPHY | <p>TOPIC: Weather and Climate: Rain and clouds</p> <p>LEARNING OBJECTIVES:</p> <p>To examine the formation of clouds and three types of rainfalls.</p> | <ul style="list-style-type: none"> ➤ Illustrate and explain to your child the water cycle and the formation of different types of rain ➤ Discuss with your child what type of rainfall occur in Dubai? | <p>Different Types of Rainfall - Convective, Orographic, Cyclonic Rainfall UPSC IAS Geography - YouTube</p> <p>Beautiful Science - The Science of Clouds - YouTube</p> |
| UAE SOCIAL STUDIES | <p>TOPIC: Ancient India- Mauryan to Gupta Empires</p> <p>LEARNING OBJECTIVES:</p> | <ul style="list-style-type: none"> ➤ Guide your child how tolerance for different faith and people from other lands was an important aspect of development of civilisation in India, | <p>MOE UAE SST year 8 text book</p> |



The Winchester School

Year 8- Family Learning Newsletter – February - 2021

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| | To analyse the development of early Indian society | and compare and contrast it to the tolerance that is portrayed in UAE | |
| FRENCH | <p>TOPIC – C'était vraiment sympa</p> <p>LEARNING OBJECTIVE:</p> <ul style="list-style-type: none">➤ To give information about past holidays➤ To give opinions about holidays- To use the past perfect forms conjugated with ETRE and AVOIR | <ul style="list-style-type: none">➤ Encourage your child to design a postcard (for example a postcard from Dubai) When do we usually write postcards? What information do we include writing a postcard from holidays? | <p>https://quizlet.com/132487030/es-vacancescartes-postales-vocabulaire-flash-cards/</p> <p>http://apprendre.tv5monde.com/fr/apprendre-francais/prononciation-la-consonne-finale-souvent-non-prononcee-0</p> <p>https://www.youtube.com/watch?v=z58hYF44cEI</p> <p>http://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-93754.php</p> <p>http://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-8833.php</p> |



The Winchester School

Year 8- Family Learning Newsletter – February - 2021

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| | | | www.french-games.net www.language-gym.com |
| ICT | <p>TOPIC: Cryptocurrencies</p> <p>LEARNING OBJECTIVES: To analyse and explain the features of Cryptocurrency and it's applications.</p> | <p>Encourage your child to</p> <ul style="list-style-type: none"> ➤ Research about the Cryptocurrency and Why are cryptocurrencies so popular? ➤ Justify is cryptocurrencies a good investment? Create a report on cryptocurrencies legal or not. Types of cryptocurrencies and its advantages and disadvantages. | https://www.investopedia.com/terms/c/cryptocurrency.asp |
| STEAM | <p>TOPIC: SMART SAFE</p> <p>LEARNING OBJECTIVES: Recognize the importance of providing clear and concise instructions.</p> | <ul style="list-style-type: none"> ➤ Explain key features of an effective safe, and demonstrate an understanding of what makes a safe smart. ➤ Encourage to create a smart safe that has a sound alert to confirm that the alarm is on standby. ➤ Motivate to build a system which activates an alert when their safe has been opened. | https://samllabs.com/us/content/steam/grade-2/11-smart-safe https://samllabs.com/us/ |



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Year 8- Family Learning Newsletter – February - 2021

