



The Winchester School

Year 8- Family Learning Newsletter – January – 2024

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SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>Topic: Building Vocabulary skills</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To articulate thoughts and feelings using appropriate vocabulary.	<p>Activity:</p> <ul style="list-style-type: none">❖ Encourage your child to use the given scrabble link to play online with your family and learn new words.❖ Motivate your child to use the given Word of the Day link to create flash cards or a word wall for new vocabulary learnt and encourage the use of new words in daily routine conversation.❖ With your child play word building games such as scrabble or solving word puzzles.❖ Discuss along with your child the advantages and disadvantages of attending a winter camp. Then encourage them to make a wish list of what they would like to experience in winter camp.	<p>https://playscrabble.com/</p> <p>https://www.merriam-webster.com/word-of-the-day/calendar</p> <p>https://thewordsearch.com/cat/science/</p> <p>https://thewordsearch.com/puzzle/1990/charles-dickens/</p>
MATHS	<p>Topic: Statistics – Pie chart and bar graph</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ Analyse the pie chart to convert given angle in	<p>Activities</p> <ul style="list-style-type: none">❖ Encourage your child to use his/her own understanding of bar graph, frequency table and line graph.❖ Also, to use statistics and pie chart in the context of sports and finance.❖ Work with your child and encourage her/him to investigate and explore pie chart for better understanding. With your child,	<p>https://mmerevise.co.uk/gcse-maths-revision/pie-charts-revision/</p> <p>http://mrbartonmaths.com/topics/representing-data/pie-charts/</p> <p>https://www.transum.org/Software/SW/Statistics_of_the_day/Similar.asp?ID_Topic=44</p>



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	<p>quantity and quantity into angle.</p> <p>Topic: Probability</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ Understanding concept of probability and terms related to it.❖ Apply formula of probability to solve problems and make sample space of an event.	<p>explore business (Revenue): money (financial Analysis), Profits by companies selling different products.</p> <ul style="list-style-type: none">❖ Discuss with your child how the concept can be applied in Geography: "Should People Be Allowed to Destroy the Rain Forest (Area, % loss) representation in pie chart.❖ Encourage your child to collect examples from newspapers, magazines or from daily life related to spending, saving, profit, loss, comparison of players and scores by pie charts and practice to get a better understanding of the concept.❖ Assist your child to solve more advanced problem-solving including pie chart and discuss how it is applied in real life to discounts and profits and to compare matches and scores.❖ Encourage your child to apply the formula of probability and solve problems.❖ Motivate your child to create sample space for an event/ 2 events at same time.	<p>https://www.transum.org/Software/SW/Starter_of_the_day/Similar.asp?ID_Topic=30</p> <p>https://www.mathsisfun.com/data/probability.html</p> <p>https://thirdspacelearning.com/gcse-maths/probability/</p>
SCIENCE	<p>Topic: Photosynthesis</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To understand the importance of food	<p>Activities: Encourage your child to -</p> <ul style="list-style-type: none">❖ Create photosynthesis interactive notebook foldable.❖ Ask students to connect what they observe in their daily life to the concept of photosynthesis.❖ Encourage the students for a research project to explore the process of nitrogen fixation.	<p>https://www.youtube.com/watch?v=3pD68uxRLkM</p> <p>http://www.docbrown.info/ebiology/photosynthesis.htm</p>



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and explain the chemical reaction taking place during photosynthesis.

- ❖ To investigate the different factors affecting the rate of photosynthesis
- ❖ To investigate the importance of minerals to plants

Topic: Electricity

Learning Objectives:

- ❖ Justify the working of batteries, using ideas about charge
- ❖ Explain the significance of series or parallel circuits, including the domestic ring main as an example.

Activities: Motivate your child to

- ❖ Create a model of a fruit battery and explain its working
- ❖ Work individually to create an analogy of the parts of the circuit.
- ❖ Create an interesting PowerPoint or otherwise visually appealing presentation to describe the importance of parallel and series circuit.
- ❖ Make an infographic poster to present the ideas of electron transfer
- ❖ Create a simple circuit using recycled materials
- ❖ Research on creative ideas towards sustainability.

<https://www.youtube.com/watch?v=J0KxRX3fyol>

<https://www.education.com/science-fair/article/which-fruit-produce-electricity/>
<https://www.thoughtco.com/how-to-make-a-fruit-battery-605970>
<https://www.batterystuff.com/kb/articles/battery-articles/battery-bank-tutorial.html>
<https://www.nature.com/subjects/electron-transfer>
<https://youtu.be/orkwQzNlglw>
<https://www.pinterest.com/Recyclart/cool-electronic-projects-diy-ideas/?lp=true>
<https://www.youtube.com/watch?v=YLSVq-moKrs>
<https://www.bbc.co.uk/bitesize/guides/z7wdy9q/revision/1>



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	<ul style="list-style-type: none">❖ Compare and contrast useful and dangerous instances of static charge.❖ Using diagrammatic representation compare and contrast series and parallel circuit.❖ Use ideas of electron transfer to explain recognising the principle of Van de graff generator❖ Safely plan and carry out an investigation into current, voltage, resistance and Ohm's law.		
ISLAMIC STUDIES (Arabs)	Topic: أحكام العمرة Learning Objectives:	Activities: <ul style="list-style-type: none">➤ لوحات وأبحاث عن أداء مناسك العمرة➤ مشاهدة الفيديوهات المرفقة وتلخيص أحكام العمرة من خلالها	https://www.youtube.com/watch?v=33AZULxhLnc



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	➤ أن يصف أداء العمرة وصفًا تفصيليًا		
ISLAMIC STUDIES (Non- Arabs)	<p>Topic: Good Earning</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To comprehend the connection between good earning and the acceptability of deeds.❖ To evaluate the consequences of haram earning on an individual and society <p>Topic: Social Cohesion</p> <p>Learning objectives:</p> <ul style="list-style-type: none">➤ To elucidate the concept and significance of social cohesion.	<p>Activities:</p> <ul style="list-style-type: none">❖ Encourage your child to write down an essay on the positive effects of good earning on us and society?❖ Motivate your child to support the answer by giving some standards of a lawful income fixed by prophet (P.B.U.H).❖ Encourage your child to research and write an article about the benefits a society can achieve while developing social cohesion among people of the society.	<p>https://www.youtube.com/watch?v=XelTivFT9p0</p> <p>https://www.youtube.com/watch?v=HreJeiIqAlc&t=898s</p>



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	➤ To evaluate the benefits of communal peace		
ARABIC (Non- Arabs)	Topic: هوايات أفراد الأسرة Learning Objectives: <ul style="list-style-type: none">❖ To describe the hobbies of the family members.❖ To create a mind map about the hobbies of the family members.❖ To analyse the text.❖ To make a paragraph about the hobbies of the family members.	Activities: <ul style="list-style-type: none">❖ Encourage your child to analyse the text.❖ Motivate your child to describe the hobbies of the family members.❖ Along with your child make a mind map about the hobbies of my family members.❖ Encourage your child to write a paragraph about the hobbies of the family members.	https://www.youtube.com/watch?v=ir1n9rqYp3U https://www.youtube.com/watch?v=CcSHmOYVR18
ARABIC (Arabs)	Topic: قصة نظرة - فعل الأمر Learning Objectives: <ul style="list-style-type: none">➤ أن يحلل قصة نظرة تحليلًا فنيًا وأدبيًا➤ يحدد علامات بناء الفعل الأمر	<ul style="list-style-type: none">➤ يستنتج الفكرة العامة لقصة نظرة➤ يضع نهاية مختلفة للقصة➤ يبدي رأيه في القضية التي تعالجها القصة➤ يعين الفعل الأمر في النصوص المختلفة ويحدد علامة بناءه	https://www.youtube.com/watch?v=lbXSn-L_g0g&t=11s https://www.youtube.com/watch?v=Ddkc8Q65UdE



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PSHCEE	<p>Topic: Animal Rights</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To explain, with examples, why humans use animals.➤ To understand animals' rights	<p>Activities:</p> <ul style="list-style-type: none">❖ Discuss with your child and encourage him/her to explain how useful animals are.❖ Encourage your child to make a list of some procedures that are harmful to animals. E.g. Animal lab testing	<p>https://www.youtube.com/watch?v=11bwaXRkdoA</p>
MORAL EDUCATION	<p>Topic: Trade, Travel and Communications: The UAE in an Increasing Globalised and Interconnected World; Cultural Exchange</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">➤ To understand the concept of 'globalisation' and how it affects the UAE➤ To understand economic concepts	<p>Activities:</p> <ul style="list-style-type: none">❖ Encourage your child to research on the term 'globalisation'❖ Discuss the impact of globalisation in UAE.❖ Talk to your child about the basic economic concepts.	<p>https://www.britannica.com/topic/globalization</p>



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HISTORY	<p>Topic: Development of democracy in 18th-19th century Britain</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To analyse the growth of democracy in Britain during 18th-19th century Britain and its effect	<p>Activities:</p> <ul style="list-style-type: none">❖ Encourage your ward to research and read along with about Act of settlement and the bill of rights.	<p>https://www.youtube.com/watch?v=C4xkKWIF9wY</p> <p>https://study.com/academy/lesson/the-act-of-settlement-religious-governmental-assurances.html</p>
GEOGRAPHY	<p>Topic: Urban Land Use Model</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To analyse the different zones of the Urban Mode	<p>Activities:</p> <ul style="list-style-type: none">❖ Motivate your child create an information brochure to promote the sale of a property located in either the CBD or in the suburbs of a city.	<p>https://www.youtube.com/watch?v=</p> <p>https://www.youtube.com/watch?v=</p> <p>https://www.geographycasestudy.com/urban-land-use-patterns-and-models/</p>



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UAE SOCIAL STUDIES	Topic: Renaissance in Korea Learning Objectives: <ul style="list-style-type: none">❖ To explore Korea during the Josean Period	Activities: <ul style="list-style-type: none">❖ Motivate your child to research and find out along with your child what the Donggwoldo painting talk about the evidence of planning and prosperity.	8 UAE SST MOE Textbook
FRENCH	Topic: “VOYAGER À L'ÉTRANGER” Learning Objectives: <ul style="list-style-type: none">❖ To name countries and capital cities❖ To name different means of transport that we use to go to different places❖ To give simple opinions about transportation	Activities: <ul style="list-style-type: none">❖ Along with your child use a globe or an atlas to make a quiz on different countries and their capitals.❖ Motivate your child to name and indicate countries that his/her schoolmates come from; what languages are spoken in these countries	Les pays du monde avec les prépositions Flashcards Quizlet Audio French Dictionary Voltage - Dance Music



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	<ul style="list-style-type: none">❖ To say which countries, you are going to or have been to❖ To say which countries, you'd like to go to❖ To use the correct preposition with names of places.		
ICT	<p>Topic: Operating systems and computer architecture.</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ To describe an operating system and to evaluate the different types of Interfaces.	<p>Activities:</p> <ul style="list-style-type: none">❖ Encourage your child to research on different operating systems.❖ Demonstrate the use of an operating system to create folders, save work, sort files.❖ Demonstrate different types of application software such as word-processor, database, spreadsheet and DTP.	<p>Operating Systems 1 - Introduction - YouTube</p>



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STEAM	Topic: Minecraft Education Learning Objectives: <ul style="list-style-type: none">❖ To explore the fractional and decimal relationships using a 10 x 10 garden.	Activities: <ul style="list-style-type: none">❖ Encourage your child to research how Minecraft can be related to fractions and decimals using base ten.❖ Motivate your child to creatively design a "garden" and label the work using power point presentation	Decimal/Fraction Garden Minecraft Education Edition
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