



# The Winchester School

## Year 9 - Family Learning Newsletter – February - 2020

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>TOPIC : Short Stories</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>➤ To comprehend how supernatural characters are integral to folklore.</li> <li>➤ To understand the history of their native land: e.g. the struggle for freedom or any important historic event</li> </ul>	<ul style="list-style-type: none"> <li>✓ Share folktales that have animals as protagonists with your child. It could also be a story from your childhood. Encourage your child to present the same in any narrative form. E.g. a comic strip or a narrative poem etc.</li> <li>✓ Motivate your child to research upon the historic event that they are unaware of and create a poster or ppt.</li> </ul>	<p><a href="http://www.pixton.com">www.pixton.com</a></p>
	<p>TOPIC : Sets &amp; Venn Diagrams</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>➤ To perform set operations like Union, Intersection and Complement of a set.</li> <li>➤ To use Venn diagrams to illustrate set operations. To solve real application word problems using Venn diagrams</li> </ul> <p>TOPIC: Circle Theorems</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>➤ To investigate the relationship between angles at the centre and circumference</li> </ul>	<p>Motivate your child to:</p> <ul style="list-style-type: none"> <li>✓ Research on how Venn diagrams can be used to compare Twitter tools.</li> <li>✓ Understand their interaction towards liking of two or more subjects.</li> <li>✓ To watch your health problems with regards to cholesterol, diabetes and blood pressure</li> <li>✓ Describe a career or real life situation in which theorems of circles are used.</li> <li>✓ Investigate how a photographer uses circle for focusing the lens.</li> </ul>	<p><a href="https://creately.com/diagram-type/usage/use-venn-diagrams-draw-logical-relationships">https://creately.com/diagram-type/usage/use-venn-diagrams-draw-logical-relationships</a></p> <p><a href="http://web.gccaz.edu/~johwd63181/MAT142/chapter_1/problems/section%201.7.pdf">http://web.gccaz.edu/~johwd63181/MAT142/chapter_1/problems/section%201.7.pdf</a></p> <p><a href="https://www.onlinemath4all.com/word-problems-on-sets-and-venn-diagrams.html">https://www.onlinemath4all.com/word-problems-on-sets-and-venn-diagrams.html</a></p> <p><a href="http://web.mnstate.edu/harms/102/Fall09/Practice/PracticeTest1.pdf">http://web.mnstate.edu/harms/102/Fall09/Practice/PracticeTest1.pdf</a></p>



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<p>MATHS SET 1</p>	<ul style="list-style-type: none"><li>➤ To apply circle theorems to calculate the missing angles</li><li>➤ To apply multiple circle theorems to solve complex problems</li></ul> <p>TOPIC : Length of arc &amp; Area of sector LEARNING OBJECTIVE</p> <ul style="list-style-type: none"><li>➤ To solve problems involving length of arc and area of sector</li><li>➤ To calculate the area of sector when arc length of arc is given</li></ul> <p>TOPIC : Surface area and Volume of prisms LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"><li>➤ To explain and calculate the surface area and volume of rectangular prisms.</li><li>➤ To explain and calculate the surface area and volume of pyramids.</li></ul> <p>TOPIC : Sequences LEARNING OBJECTIVES-</p>	<ul style="list-style-type: none"><li>✓ How a navigator applies circle theorems and uses the nautical radar to figure out where they are on sea.</li><li>✓ How a construction worker applies circle theorems when creating domes of mosques or stadiums.</li><li>✓ Ferris wheel - You start at the bottom of the ride and make it half way around before the ride stops to load more passengers. If the radius of the wheel is 30 feet, calculate the length of the arc you have travelled.</li><li>✓ How would you calculate the distance that the Earth travels in one month in its path around the sun? Assuming the path of the earth around the sun is a circle of radius 93 million miles.</li><li>✓ How many square feet of glass was used to build the aquarium in the shape of a rectangular prism, given the base is 6 ft by 2.5 ft. and the height is 4 ft.</li><li>✓ Lauren's family room is the shape of a rectangular prism with a volume of 1,120 cubic feet. If she decides to knock out the wall and</li></ul>	<p><a href="https://www.scribd.com/doc/16768020/WORKSHEET-OF-SETS">https://www.scribd.com/doc/16768020/WORKSHEET-OF-SETS</a></p> <p><a href="https://msmckennajams.weebly.com/geom-blog-period-7/describe-a-career-or-real-life-situation-in-which-theorems-of-circles-are-used-you-may-need-to-look-this-up-your-answer-should-be-different-from-others">https://msmckennajams.weebly.com/geom-blog-period-7/describe-a-career-or-real-life-situation-in-which-theorems-of-circles-are-used-you-may-need-to-look-this-up-your-answer-should-be-different-from-others</a></p> <p><a href="http://mathster.com/worksheets/KS3%20&amp;%20KS4%20Free%20Maths%20Worksheets/Revision%205%20Circle%20Theorems.pdf">http://mathster.com/worksheets/KS3%20&amp;%20KS4%20Free%20Maths%20Worksheets/Revision%205%20Circle%20Theorems.pdf</a></p> <p><a href="https://mathsmadeeasy.co.uk/gcse-maths-revision/circle-theorems-gcse-revision-and-worksheets/">https://mathsmadeeasy.co.uk/gcse-maths-revision/circle-theorems-gcse-revision-and-worksheets/</a></p> <p><a href="https://www.mathworksheets4kids.com/circles/arclength-sector/customary/mixed-1.pdf">https://www.mathworksheets4kids.com/circles/arclength-sector/customary/mixed-1.pdf</a></p> <p><a href="https://www.lcps.org/cms/lib4/VA01000195/Centricity/Domain/12542/Arc">https://www.lcps.org/cms/lib4/VA01000195/Centricity/Domain/12542/Arc</a></p>
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	<ul style="list-style-type: none"><li>➤ To recognize and extend an arithmetic sequence and find a given term of an arithmetic sequence.</li><li>➤ To find the nth term of a linear sequence, quadratic or a geometric sequence.</li></ul> <p>TOPIC : Cumulative Frequency</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"><li>➤ To plot a cumulative frequency curve and use it to find the median and inter quartile range.</li></ul> <p>TOPIC : Straight Line Graphs</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"><li>➤ To calculate the gradient of a line.</li><li>➤ To write the equation of a straight line given the gradient, y-intercept or the coordinates of a point.</li><li>➤ To write the equation of parallel or perpendicular lines.</li><li>➤ To plot straight line graph given the equation of a line.</li><li>➤ To use straight line graphs in practical situations.</li></ul>	<p>triple the length of her family room, what will happen to the volume?</p> <p>Thinking time:</p> <ul style="list-style-type: none"><li>✓ A shop assistant is arranging a display of a triangular array of tins so as to have one tin in the top row, two in the second, three in the third and so on, If there are 66 tins altogether, how many rows can be completed in the array.</li><li>✓ You land a job as a police officer, your salary for the first year is \$43125. You will receive a 7% increase every year. How much will your salary be at the start of year six?</li><li>✓ Investigate how data Science uses cumulative frequency distribution to determine observations.</li></ul> <p>Research:</p> <ul style="list-style-type: none"><li>✓ A car dealer is calculating the total sales for the past month, and wants to identify the percentage of monthly sales that have occurred after weeks 1, 2, 3, and create a relative cumulative frequency table with the Number of</li></ul>	<p><a href="#">%20Lenth%20Sector%20Area%20Practice%20ANSWERS.pdf</a></p> <p><a href="https://www.youtube.com/watch?v=f9_U85_YX4">https://www.youtube.com/watch?v=f9_U85_YX4</a></p> <p><a href="https://www.youtube.com/watch?v=Qz_7T0GpCFU">https://www.youtube.com/watch?v=Qz_7T0GpCFU</a></p> <p><a href="https://www.youtube.com/watch?v=82Bc42WMIig">https://www.youtube.com/watch?v=82Bc42WMIig</a></p> <p><a href="https://www.youtube.com/watch?v=kD9Jt64TjI">https://www.youtube.com/watch?v=kD9Jt64TjI</a></p> <p><a href="https://www.youtube.com/watch?v=x8wEnG4GURQ">https://www.youtube.com/watch?v=x8wEnG4GURQ</a></p> <p><a href="https://www.youtube.com/watch?v=H0asuaP6r4o">https://www.youtube.com/watch?v=H0asuaP6r4o</a></p> <p><a href="https://www.youtube.com/watch?v=5NY6CpB2Mog">https://www.youtube.com/watch?v=5NY6CpB2Mog</a></p> <p><a href="https://www.youtube.com/watch?v=UrchzWms6JQ">https://www.youtube.com/watch?v=UrchzWms6JQ</a></p> <p><a href="https://www.youtube.com/watch?v=I GFQXInm-co">https://www.youtube.com/watch?v=I GFQXInm-co</a></p>
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		<p>weeks and cars sold to show the information the dealer wants.</p> <ul style="list-style-type: none"> <li>✓ On straight line graphs and summarise your learning on gradient and y-intercept by making notes</li> </ul>	<p><a href="https://www.youtube.com/watch?v=R RWpfRFTKV4">https://www.youtube.com/watch?v=R RWpfRFTKV4</a></p> <p><a href="https://www.youtube.com/watch?v=WfbD1CH2_WY">https://www.youtube.com/watch?v=WfbD1CH2_WY</a></p> <p><a href="https://www.youtube.com/watch?v=L Tb2-LE7StE">https://www.youtube.com/watch?v=L Tb2-LE7StE</a></p> <p><a href="https://www.youtube.com/watch?v=E CjEilgX_M">https://www.youtube.com/watch?v=E CjEilgX_M</a></p>
<p>MATHS EXTENDED</p>	<p>TOPIC: Laws of Indices including fractional indices.</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"> <li>➤ Simplify expressions involving laws of indices.</li> <li>➤ Evaluate values involving fractional indices.</li> </ul> <p>TOPIC- Trigonometry</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"> <li>➤ To calculate the unknown side of right angled triangle using Pythagoras theorem.</li> </ul>	<p>Encourage your child to</p> <ul style="list-style-type: none"> <li>✓ Create a formula booklet /notes for laws of indices with variety of examples.</li> <li>✓ Investigation on Pythagoras theorem, using the following link of animation as a guide to <a href="http://www.mathsisfun.com/pythagoras.html">http://www.mathsisfun.com/pythagoras.html</a></li> <li>✓ Research on history of Pythagoras theorem and trigonometry.</li> <li>✓ Research on clinometer and create a clinometer</li> <li>✓ Find out real life applications of trigonometry</li> </ul>	<p><a href="http://www.mathsisfun.com/algebra/exponent-laws.html">http://www.mathsisfun.com/algebra/exponent-laws.html</a></p> <p><a href="https://www.mathwarehouse.com/algebra/exponents/fraction-exponents/formula-examples-simplify-exponents-with-fractions.php">https://www.mathwarehouse.com/algebra/exponents/fraction-exponents/formula-examples-simplify-exponents-with-fractions.php</a></p> <p><a href="https://www.mathsisfun.com/algebra/trigonometry.html">https://www.mathsisfun.com/algebra/trigonometry.html</a></p> <p><a href="https://www.khanacademy.org/math/geometry-home/trigonometry">https://www.khanacademy.org/math/geometry-home/trigonometry</a></p>



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	<p>➤ To find missing side and angle of right angled triangle using trigonometric ratios.</p> <p>TOPIC – Averages (Grouped Data)</p> <p>LEARNING OBJECTIVES-</p> <p>➤ To apply concept of mean, median, mode for grouped data</p>		<p><a href="http://www.cimt.plymouth.ac.uk/projects/mepres/book9/bk9i16/bk9_16i2.html">http://www.cimt.plymouth.ac.uk/projects/mepres/book9/bk9i16/bk9_16i2.html</a></p>
<p>BIOLOGY</p>	<p>TOPIC –Our Health and the Effects of Drugs</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>➤ Explain the effects of each type of drug on the body.</li> <li>➤ Examine the link between smoking and cancer.</li> <li>➤ Describe the medical uses &amp; negative effects of cannabis on the body.</li> <li>➤ Explain the short term &amp; long-term effects of alcohol.</li> </ul> <p>TOPIC- Co-ordination and response</p> <p>LEARNING OBJECTIVES-</p>	<p>Encourage the students to:</p> <ul style="list-style-type: none"> <li>✓ Research on the types of drugs &amp; their effect on the nervous system.</li> <li>✓ Create a newspaper column on the effects of smoking &amp; alcohol (on a person &amp; society).</li> <li>✓ Conduct a debate whether cannabis should be legalised.</li> <li>✓ Relate the concept of reflex arc &amp; encourage students to create an infographic poster on the same using few examples.</li> <li>✓ Plan and carry out an investigation into the effect of a factor on human reaction time.</li> </ul>	<p><a href="https://study.com/academy/lesson/how-drugs-affect-the-brain-nervous-system.html">https://study.com/academy/lesson/how-drugs-affect-the-brain-nervous-system.html</a></p> <p><a href="https://www.forbes.com/sites/thomaspellechia/2019/07/24/alcohol-research-study-results-may-depend-on-which-group-backs-them/">https://www.forbes.com/sites/thomaspellechia/2019/07/24/alcohol-research-study-results-may-depend-on-which-group-backs-them/</a></p> <p><a href="https://bmcpublihealth.biomedcentral.com/articles/10.1186/1471-2458-10-789">https://bmcpublihealth.biomedcentral.com/articles/10.1186/1471-2458-10-789</a></p> <p><a href="https://www.youtube.com/watch?v=Fm02i4vEi5Q">https://www.youtube.com/watch?v=Fm02i4vEi5Q</a></p> <p><a href="https://www.toppr.com/guides/biology/neural-control-and-">https://www.toppr.com/guides/biology/neural-control-and-</a></p>



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	<ul style="list-style-type: none"> <li>➤ To describe the Structure of CNS is made up of the brain and spinal cord; receptors, different types of neurones, coordinator as brain or spinal cord, effectors, synapses</li> <li>➤ Explain the importance of reflex actions and give examples.</li> <li>➤ Investigation on measuring the reaction time.</li> </ul>		<a href="#">coordination/reflex-action-and-reflex-arc/</a>
PHYSICS	<p>TOPIC-Electrical Energy</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>➤ To identify the power rating of common household electrical devices</li> <li>➤ To calculate the amount of energy transferred from the mains</li> <li>➤ To calculate the cost of mains electricity given the cost per kilowatt-hour (kWh).</li> </ul>	<p>Encourage your child to -</p> <ul style="list-style-type: none"> <li>✓ Think of ways by which electrical energy is consumed in daily life</li> <li>✓ Research how electrical energy is used in houses is measured and recorded</li> <li>✓ Analyse and calculate how cost is determined by usage of electrical energy</li> </ul>	<p><a href="http://www.bbc.co.uk/schools/gcsebite/size/science/aqa/energyefficiency/electricalappliancesrev1.shtml">http://www.bbc.co.uk/schools/gcsebite/size/science/aqa/energyefficiency/electricalappliancesrev1.shtml</a></p> <p><a href="https://www.hunker.com/12003848/the-uses-of-electric-energy">https://www.hunker.com/12003848/the-uses-of-electric-energy</a></p> <p><a href="https://www.energy.gov/energysaver/estimating-appliance-and-home-electronic-energy-use">https://www.energy.gov/energysaver/estimating-appliance-and-home-electronic-energy-use</a></p>
CHEMISTRY	<p>TOPIC: Heat Energetics of a reaction</p> <p>LEARNING OBJECTIVES</p> <ul style="list-style-type: none"> <li>➤ To outline the meaning of exothermic and endothermic reactions.</li> <li>➤ To interpret energy level diagrams showing exothermic and endothermic reactions.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Encourage your child to read the context and summarise your understanding writing at least 5 points.</li> </ul> <p><a href="https://www.thoughtco.com/physical-and-chemical-changes-examples-608338">https://www.thoughtco.com/physical-and-chemical-changes-examples-608338</a></p> <p>Discuss with your child</p>	<p><a href="https://www.thoughtco.com/physical-and-chemical-changes-examples-608338">https://www.thoughtco.com/physical-and-chemical-changes-examples-608338</a></p> <p><a href="https://www.youtube.com/watch?v=eJXL0IrbtqE">https://www.youtube.com/watch?v=eJXL0IrbtqE</a></p>



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	<p>TOPIC: Physical and chemical reactions: LEARNING OBJECTIVES</p> <ul style="list-style-type: none"><li>➤ To identify physical and chemical changes, and understand the differences between them.</li></ul> <p>TOPIC: Pattern of reactivity of metals LEARNING OBJECTIVES</p> <ul style="list-style-type: none"><li>➤ To investigate and arrange the reactivity of different metals and carbon in the reactivity series.</li></ul>	<ul style="list-style-type: none"><li>✓ What do they understand about exothermic and endothermic reactions and research on what are the different ways to investigate this type of reaction.</li><li>✓ Talk to your child why sodium is stored under oil.</li><li>✓ Why rusting of iron is a slow process. Compare its reactivity with that of sodium or group-1 elements.</li><li>✓ Encourage your child to identify the reactivity of different metals and arrange it from most reactive to least reactive metals. Based on the reactivity of metals discuss with them what are the different ways extracting these metals.</li></ul>	<p><a href="https://www.youtube.com/watch?v=4HS6D0hTzdg">https://www.youtube.com/watch?v=4HS6D0hTzdg</a></p> <p><a href="https://www.youtube.com/watch?v=-R2eNZRzq7Q">https://www.youtube.com/watch?v=-R2eNZRzq7Q</a></p>
ARABIC (Arabs)	<p>TOPIC – لن أبكي - رحلة ابن بطوطة إلى الصين: - السعادة لا تضل طريقها - الأفعال التي تنصب مفعولين أصلهما مبتدأ وخبر:</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"><li>* أن يحدد المعنى الإجمالي للنص الشعري</li><li>* أن يحلل النص الشعري تحليلاً أدبياً</li><li>* أن يقارن النص مع نص خارجي مقارنة أدبية</li></ul>	<p>يشرح الطالب قصيدة من شعر المقاومة الفلسطينية شرحاً مجملاً. يبحث الطالب في أدب الرحلات. يكتب الطالب رسالة لصديق يدعو فيه إلى طريق السعادة.</p>	<p><a href="https://www.almadina.com/article/413405">https://www.almadina.com/article/413405</a></p> <p><a href="https://ar.wikipedia.org/wiki/%D8%A3%D8%AF%D8%A8_%D8%A7%D9%84%D8%B1%D8%AD%D9%84%D8%A7%D8%AA">https://ar.wikipedia.org/wiki/%D8%A3%D8%AF%D8%A8_%D8%A7%D9%84%D8%B1%D8%AD%D9%84%D8%A7%D8%AA</a></p> <p><a href="https://www.albayan.ae/opinions/by-the-way/2019-07-30-1.3616701">https://www.albayan.ae/opinions/by-the-way/2019-07-30-1.3616701</a></p>



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	<p>* أن يبدي رأيه الأدبي في النص الشعري *</p> <p>. أن يحلل الطالب النص المعلوماتي تحليلاً أدبياً .</p> <p>- أن يقارن الطالب بين النص المعلوماتي ونص خارجي - مقارنة أدبية.</p> <p>. أن يحلل الطالب النص المعلوماتي تحليلاً أدبياً -</p> <p>- أن يقارن الطالب بين النص المعلوماتي ونص خارجي - مقارنة أدبية.</p> <p>* أن يتعرف المتعلم الأفعال التي تنصب مفعولين أصلهما - مبتدأ وخيرا .</p> <p>*. أن يعرب جمل هذه الأفعال -.</p> <p>*. أن يوظفها في مواقف حياتية -.</p>		<p><a href="https://www.youtube.com/watch?v=fAUltzpk-xM">https://www.youtube.com/watch?v=fAUltzpk-xM</a></p>
ISLAMIC STUDIES (Arabs)	<p>TOPIC – للمجتمع رجاله ونساءه- حجة الوداع ووفاة النبي صلى الله عليه وسلم</p> <p>LEARNING OBJECTIVES- * أن يوضح أهم بنود حجة الوداع- * أن يستنتج الدروس والعبر من حجة الوداع-*</p>	<p>يحرص على حفظ – يكلف الطالب ببعض التكاليف البيتية يبتعد عن التقليد الأعمى ويحرص على – سورة الحجرات الالتزام بتعاليم الإسلام</p> <p>يكتب بحثاً عن عن خطورة التشبه</p>	<p><a href="https://www.youtube.com/watch?v=ClYDzAANalq">https://www.youtube.com/watch?v=ClYDzAANalq</a></p> <p><a href="https://www.youtube.com/watch?v=SrLymqoqms">https://www.youtube.com/watch?v=SrLymqoqms</a></p>



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	أن يحدّد مظاهر التشبّه بالأخبر5 أن يستنتج مخاطر التشبه	أن يكتب موضوعا عن أهم بنود حجة الوداع أن يكتب موضوعا عن وفاة النبي ص	
ARABIC (Non- Arabs)	<p>TOPIC –</p> <ul style="list-style-type: none"><li>➤ التأثير الإعلامي</li><li>➤ الإنترنت</li></ul> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"><li>➤ أن يبدي التلميذ رأيه في أهمية الإنترنت</li><li>➤ أن يقارن التلاميذ بين إيجابيات وسلبيات الإنترنت</li><li>➤ أن يحلل التلاميذ النص تحليلاً أدبيا</li><li>➤ أن يوضح التلاميذ التأثير الإعلامي في الحياة-4</li></ul>	<p>Encourage your child to:</p> <ul style="list-style-type: none"><li>✓ Create a video about the internet.</li><li>✓ Design posters about positives of the internet.</li><li>✓ Create essays about advantages and disadvantages of the internet.</li><li>✓ Create some posters to share on the internet about its uses.</li><li>✓ Create magazine about the internet and its influence in the life.</li></ul>	<p><a href="https://www.youtube.com/watch?v=r_d1buVnLkL0">https://www.youtube.com/watch?v=r_d1buVnLkL0</a></p> <p><a href="https://www.youtube.com/watch?v=kJFjaqBDgz8">https://www.youtube.com/watch?v=kJFjaqBDgz8</a></p> <p><a href="https://www.youtube.com/watch?v=24dw05nPEBI">https://www.youtube.com/watch?v=24dw05nPEBI</a></p>
ISLAMIC STUDIES (Non- Arabs)	<p>TOPIC:</p> <ul style="list-style-type: none"><li>➤ The Prophet's Methodology in Da'wah</li><li>➤ Faith in the Unseen</li></ul> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"><li>➤ To apply concept of prophet's methodology in Da'wah</li><li>➤ Apply the styles and characteristics of the prophet's methodology in Da'wah</li></ul>	<ul style="list-style-type: none"><li>✓ Create a power point on methodology in Da'wah in Muslim Community and the benefits of believing in the unseen.</li></ul>	<p><a href="https://www.youtube.com/watch?v=R_EUjkRVpeWs">https://www.youtube.com/watch?v=R_EUjkRVpeWs</a></p> <p><a href="https://www.youtube.com/watch?v=zqHq16gFniU">https://www.youtube.com/watch?v=zqHq16gFniU</a></p>



# The Winchester School

## Year 9 - Family Learning Newsletter – February - 2020

	<ul style="list-style-type: none"> <li>➤ Evaluate the effect of the prophet's methodology in Da'wah in Muslim's life</li> <li>➤ Explain the importance of believing in the Unseen.</li> <li>➤ Find evidences of the expansive omniscience of Allah from the holy Qur'an.</li> <li>➤ Mention the benefits of the belief in the unseen.</li> </ul>		
PSHCEE	<p>TOPIC – Law and Order</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>➤ To be looking at laws and crimes around the world and how crimes are punished</li> <li>➤ To be able to think about different crimes and what punishments are given for them.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Encourage your child to make a list about different crimes and punishments provided in the modern industrial society.</li> <li>✓ Help your child to research about their country and create a record of various crimes, statistics of crimes, what punishments are given, how trials are conducted, who decides on the punishments, etc.</li> <li>✓ Encourage your child to share the research findings and analyse the reasons for the existing crimes in their country.</li> </ul>	<p><a href="https://www.youtube.com/watch?v=2uWX1gZplms">https://www.youtube.com/watch?v=2uWX1gZplms</a></p>
MORAL EDUCATION	<p>TOPIC –</p> <ul style="list-style-type: none"> <li>➤ Ethics in the context of Communities</li> <li>➤ Morality in the Context of States</li> </ul> <p>LEARNING OBJECTIVES-</p>	<ul style="list-style-type: none"> <li>✓ Talk to your child about the governments, both federal and local and the UAE's amalgamation of both traditional and modern politics</li> </ul>	<p><a href="http://gulfnews.com/news/uae/society/six-leaders-and-how-they-helped-shape-uae-1.1937162">http://gulfnews.com/news/uae/society/six-leaders-and-how-they-helped-shape-uae-1.1937162</a></p>



# The Winchester School

## Year 9 - Family Learning Newsletter – February - 2020

	<ul style="list-style-type: none"> <li>➤ To recognise key developments in the growth of government at local and national levels in UAE.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Encourage your child to read on the local governance and the impact they have on decision making.</li> </ul>	
HISTORY	<p>TOPIC – Causes of World War II</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>➤ To analyse the short term causes of WWII</li> </ul>	<ul style="list-style-type: none"> <li>✓ Help your child create a mind map showing the long term factors that cause WWII, Creating a timeline for the events that led to WWII.</li> <li>✓ 'The Nazi-Soviet pact was more responsible than appeasement for the cause of WWII' How far do you agree to this statement? Reason with your child.</li> </ul>	<p><a href="https://www.bbc.com/bitesize/guides/z9s9q6f/revision/2">https://www.bbc.com/bitesize/guides/z9s9q6f/revision/2</a></p> <p><a href="https://www.bbc.com/bitesize/guides/z9s9q6f/revision/2">https://www.bbc.com/bitesize/guides/z9s9q6f/revision/2</a></p>
GEOGRAPHY	<p>TOPIC –Our restless planet</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>➤ To examine the causes of earthquakes and volcanic eruptions.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Help your child use diagrams to illustrate why earth's plates move.</li> <li>✓ Research and discuss why earthquakes occur with low magnitude in UAE region</li> </ul>	<p><a href="https://www.youtube.com/watch?v=5wC4rF7YPAM">https://www.youtube.com/watch?v=5wC4rF7YPAM</a></p> <p><a href="https://www.youtube.com/watch?v=kAWEA0TAz6c">https://www.youtube.com/watch?v=kAWEA0TAz6c</a></p>
UAE SOCIAL STUDIES	<p>TOPIC –Leading Sheikhs of the Emirate of Ajman</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>➤ To investigate the biographies of the rulers of Ajman</li> </ul>	<ul style="list-style-type: none"> <li>➤ Help your child to create a summary of either Sheikh Rashid bin Humayd Al Nuaimi or Sheikh Humaid bin Rashid Al Nuaimi.</li> </ul>	<p><a href="https://www.youtube.com/watch?v=xwbVz7qgF_c">https://www.youtube.com/watch?v=xwbVz7qgF_c</a></p> <p><a href="https://www.youtube.com/watch?v=q-UqIPtYJ7E">https://www.youtube.com/watch?v=q-UqIPtYJ7E</a></p>



# The Winchester School

## Year 9 - Family Learning Newsletter – February - 2020

	<p>TOPIC – À la boutique</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>➤ To understand information about shops and services.</li> <li>➤ To shop for clothes/ grocery and souvenirs.</li> <li>➤ To specify and modify requirements</li> </ul>	<ul style="list-style-type: none"> <li>✓ Encourage your child to create vocabulary booklet based on extended shopping vocabulary <a href="https://quizlet.com/109729289/faire-du-shopping-la-mode-flash-cards/">https://quizlet.com/109729289/faire-du-shopping-la-mode-flash-cards/</a></li> <li>✓ Look and listen: <a href="https://www.youtube.com/watch?v=kwEXi6nyLyE&amp;t=14s">https://www.youtube.com/watch?v=kwEXi6nyLyE&amp;t=14s</a></li> <li>✓ Motivate your child to create dialogues and record podcasts or make videos on the advantages of shopping.</li> </ul>	<p><a href="http://www.language-gym.com">www.language-gym.com</a></p> <p><a href="http://www.francaisfacile.com">www.francaisfacile.com</a> <a href="http://www.linguascope.com">www.linguascope.com</a></p> <p><a href="https://www.lepointdufle.net/">https://www.lepointdufle.net/</a></p> <p><a href="http://www.atantot-extra.co.uk">www.atantot-extra.co.uk</a> vocabulary games <a href="http://www.languagesonline.org.uk">www.languagesonline.org.uk</a> good for vocabulary and grammar</p>
ICT	<p>TOPIC – HTML</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> <li>➤ Research skills - To discover and analyse the use and applications of HTML.</li> <li>➤ To explore top 10 uses of HTML</li> </ul>	<ul style="list-style-type: none"> <li>✓ Encourage your child to explore the various applications of HTML.</li> <li>✓ Motivate your child to do the research and make a document about the various applications of HTML. Help your child research, analyse and explore the top 10 uses of HTML and its applications.</li> </ul>	<p><a href="https://www.educba.com/uses-of-html/">https://www.educba.com/uses-of-html/</a></p>
STEAM	<p>TOPIC – SAM labs</p> <p>LEARNING OBJECTIVES-</p>	<ul style="list-style-type: none"> <li>✓ Encourage your child to explore kits and make real life connect to the environment.</li> <li>✓ Motivate your child to debug write programs based on an algorithm.</li> </ul>	<p><b>SAM LAB KITS</b> <a href="https://int.samlabs.com/">https://int.samlabs.com/</a></p>



# The Winchester School

## Year 9 - Family Learning Newsletter – February - 2020

	<ul style="list-style-type: none"><li>➤ To create various projects using Sam labs. To be able to simulate physical systems using Sam Lab kit.</li><li>➤ To design their own SAM Drum Simulator that will be able to hit a drum at varying degrees of force depending on the set speed.</li><li>➤ To design a Smart bell for hearing impaired.</li></ul>		
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