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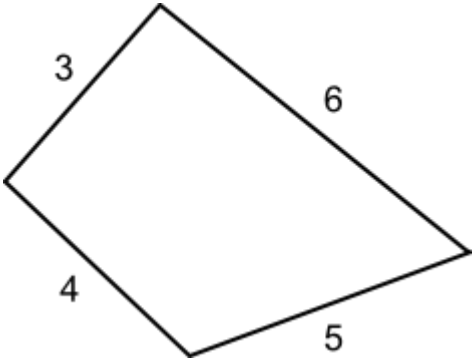
Year 9- Family Learning Newsletter – January - 2023

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	TOPIC: Narrative Writing LEARNING OBJECTIVES- ➤ To analyse features and format of a narrative.	Encourage your child to read at least 2 short stories to analyse ✓ The beginning: how the setting and characters are introduced ✓ How the story develops ✓ How various narrative techniques such as dialogues, foreshadowing, flashbacks and climax etc. are developed ✓ How does the nature, feelings and actions of the characters change as the narrative progresses. ✓ How the beginning and ending are connected. ✓ Pick up the magazine. Create a short story of 350 words on the first sentence/phrase or picture you see.	https://thewritelife.com/5-powerful-writing-techniques/
MATHS	TOPIC: Simultaneous Equation LEARNING OBJECTIVES- ✓ Apply algebraic skills to solve the equations to find two unknown values. TOPIC : Algebra – Indices LEARNING OBJECTIVES-	Cross-curricular Activity Link– https://www.tes.com/teaching-resource/gcse-maths-simultaneous-equations-picture-puzzle-6138644 Cross-Curricular Links: P.E. –problem-solving English- basic arithmetic Art- shape and space Media - Graphic https://www.transum.org/Maths/Exercise/Map_Scales/ Motivate your child to solve the following problems.	https://corbettmaths.com/2019/09/05/simultaneous-equations-practice-questions/ For more practice and understanding use the link below on solving simultaneous equations



The Winchester School

Year 9- Family Learning Newsletter – January - 2023

	<ul style="list-style-type: none">➤ Apply the rules of indices to simplify algebraic expressions.➤ Analyse the reciprocal of a number or term and write it as a negative or fractional exponent. <p>TOPIC: Numbers – Map Ratio</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none">➤ To use proportion and work out the ratio for maps.➤ To work out the missing length/area/volume using map scale. <p>TOPIC: Shape and Space</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none">➤ Analyze and understand Pythagoras Theorem to the right angles triangles to find the missing sides.	<p>A cycling club use a map with a scale of 1:25000 to plan a Sunday afternoon ride. They measure the route to be 80cm long.</p> <p>Ryder Spoke takes part in the afternoon ride but has a puncture after 15km and decides to walk (pushing his bike) for the remaining section of the route. How far (in kilometers) does Ryder push his bike?</p> <p>https://www.mathsisfun.com/pythagoras.html</p> <p>Four rods are hinged at their ends to form a convex quadrilateral with sides of length 3, 4, 5 and 6 (in that order). Investigate the different shapes that the quadrilateral can take.</p> 	<p>https://www.youtube.com/watch?v=4Woh1BWSaOk</p> <p>https://www.matrix.edu.au/beginners-guide-year-9-maths/part-3-indices/</p> <p>https://www.transum.org/software/SW/Starter_of_the_day/Students/Indices.asp?Level=5</p> <p>http://www.mathster.com/worksheets/KS3%20KS4%20Free%20Maths%20Worksheets/Ratios%20-%20map%20and%20model%20scales.pdf</p> <p>https://www.hackmath.net/en/word-math-problems/map-scale</p> <p>https://www.bbc.co.uk/bitesize/guides/znnycdm/revision/4</p> <p>https://templatelab.com/pythagorean-theorem-worksheet/</p>
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The Winchester School

Year 9- Family Learning Newsletter – January - 2023

		What are all the possible values of the angles if the quadrilateral is convex?	
✓ BIOLOGY	✓ TOPIC: Our Health and the Effects of Drugs ✓ LEARNING OBJECTIVES- ✓ Explain the effects of each type of drug on the body. ✓ Examine the link between smoking and cancer. ✓ Describe the medical uses & negative effects of cannabis on the body. ✓ Explain the short term & long-term effects of alcohol.	✓ Encourage the students to ✓ Research on the types of drugs & their effect on the nervous system. ✓ Create a newspaper column on the effects of smoking & alcohol (on a person & society). ✓ Conduct a debate whether cannabis should be legalised.	https://www1.health.gov.au/internet/publications/publishing.nsf/Content/drugtreat-pubs-front6-wk-toc~drugtreat-pubs-front6-wk-secb~drugtreat-pubs-front6-wk-secb-3~drugtreat-pubs-front6-wk-secb-3-1 https://study.com/academy/lesson/how-drugs-affect-the-brain-nervous-system.html
CHEMISTRY	TOPIC: Formulae for compounds LEARNING OBJECTIVES- ➤ To recall the use of criss-cross methods to write the correct formulas for ionic compounds. ➤ To revise the electronic structure for ions and deduce the charges for a given element.	Encourage your child to ✓ List some of the very useful compounds and to write their correct formulas (using criss-cross method). ✓ Read the context and summarise your understanding writing at least 5 points. ✓ Correct formulae by criss-cross methods.	https://www.bbc.co.uk/bitesize/guides/zqrxsbk/revision/2 https://www.bbc.co.uk/bitesize/guides/zg923k7/revision/3 https://chem.libretexts.org/Courses/College_of_Marin/Marin%3A_CHEM_114 - Introductory_Chemistry_(Daubermire)/05%3A_Molecules_and_C



The Winchester School

Year 9- Family Learning Newsletter – January - 2023

	<p>Physical and chemical reactions:</p> <ul style="list-style-type: none"> ➤ To recall the type of physical and chemical changes, and understand the differences between them with suitable examples. 	<ul style="list-style-type: none"> ✓ Discuss with them the difference between physical and chemical reactions with suitable examples. ✓ Read the context and summarise your understanding writing at least 5 points. 	<p>ompounds/5.05%3A Writing Formulas for Ionic Compounds</p> <p>https://www.thoughtco.com/physical-and-chemical-changes-examples-608338</p> <p>https://www.thoughtco.com/physical-and-chemical-changes-examples-608338</p> <p>https://www.bbc.co.uk/bitesize/guides/zwd2mp3/revision/5</p> <p>https://www.thoughtco.com/physical-and-chemical-changes-examples-608338</p>
<p>PHYSICS</p>	<p>TOPIC: Human Eye and its defect Energy</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ➤ To learn about the eye and its defects. ➤ To correct the eye defects. ➤ Would be able to appreciate law of conservation of energy would be able to explain energy changes in daily life. 	<p>Motivate your child to</p> <ul style="list-style-type: none"> ✓ Research in order to understand the importance of the eye and how important it is to us. ✓ Research the defects of eye and how they affect our day to day life. ✓ How can these defects be corrected? 	<p>http://www.chm.bris.ac.uk/webprojects2002/upton/defects_of_the_eye.htm</p> <p>https://www.britannica.com/science/conservation-of-energy</p> <p>http://www.solarschools.net/resources/stuff/different_forms_of_energy.aspx</p>



The Winchester School

Year 9- Family Learning Newsletter – January - 2023

	<ul style="list-style-type: none">➤ Would be able to calculate efficiency would be able to explain energy changes in matter and its effect such as internal energy.➤ Would be able to calculate kinetic energy and potential energy would be able to explain energy changes in falling bodies.	<ul style="list-style-type: none">✓ Analyze and explore about the various types of energy around you.✓ Identify and research the basic source of energy and how energy is converted from one form to another.✓ Research on loss of energy when a machine works and hence the efficiency of a system.	<p>http://www.bbc.co.uk/schools/gcs/ebitesize/science/aga_pre_2011/energy/heatrev6.shtml</p> <p>http://examples.yourdictionary.com/law-of-conservation-of-energy-examples.html</p>
ARABIC (Arabs)	<p>تعلمت من أوقات الفراغ</p> <p>LEARNING OBJECTIVES-</p> <p>يحلل الطالب النص تحليلًا أدبيًا</p> <p>يحدد الفكرة الرئيسة والأفكار الفرعية مستدلًا بأدلة من النص</p> <p>يكتب موضوعًا إقناعيًا عن الاستفادة من أوقات الفراغ</p> <p>TOPIC: التشبيه البليغ</p> <p>LEARNING OBJECTIVES-</p> <p>يتعرف الطالب التشبيه البليغ وأركانه</p>	<ul style="list-style-type: none">✓ يكتب الطالب موضوعًا تفسيريًا عن الاستفادة من أوقات الفراغ✓ يكتب فقرات تتضمن التشبيه البليغ	<p>https://mawdoo3.com/%D8%A3%D9%88%D9%82%D8%A7%D8%AA%D8%A7%D9%84%D9%81%D8%B1%D8%A7%D8%BA%D9%88%D9%83%D9%8A%D9%81%D9%8A%D8%A9%D8%A7%D8%B3%D8%AA%D8%BA%D9%84%D8%A7%D9%84%D9%87%D8%A7</p> <p>https://www.google.com/search?q=%D8%A7%D9%84%D8%AA%D8%B4%D8%A8%D9%8A%D9%87+%D8%A7%D9%84%D8%A8%D9%84%D9%8A%D8%BA&rlz=1C1GCEU_en-</p>



The Winchester School

Year 9- Family Learning Newsletter – January - 2023

	<ul style="list-style-type: none">➤ To Describe how he or she feels about living in a smoking/non-smoking environment➤ To explain the harms of drugs.➤ To suggest solutions to addiction.➤ To express his opinion on the issue of addiction.		
ISLAMIC STUDIES (Arabs)	TOPIC: حجة الوداع – الإيمان فضل من الله LEARNING OBJECTIVES- <ul style="list-style-type: none">➤ أن يوضح أهم بنود حجة الوداع➤ يستنتج الدروس والعبر من حجة الوداع➤ يحدد المعنى الإجمالي للآيات➤ يستنتج القيم الواردة في الآيات	<ul style="list-style-type: none">✓ يحدد البنود التي اشتملت عليها حجة الوداع✓ يبين الدروس المستفادة من حجة الوداع✓ يبين المعنى الإجمالي للآيات✓ يطبق القيم التي اشتملت عليها الآيات	https://www.youtube.com/watch?v=QcF42myJeDo https://www.youtube.com/watch?v=msNzTwFxWQY
ISLAMIC STUDIES (Non- Arabs)	TOPIC: <ul style="list-style-type: none">➤ Exchanging Advice in Islam.➤ Permissible (Halal) and (Haram)Forbidden Foods and Drink➤ Al-Hajj- The Pilgrimage LEARNING OBJECTIVES-	Motivate your child to <ul style="list-style-type: none">✓ Research and explore why it is important to be sincere at work and in giving advice to individuals and society. Support your answer with ayat and Hadeeth.✓ Demonstrate how to recognize a situation in which giving advice in not advisable? How would you react if the other person reject your advice? Give evidence from Al Quran.	https://aboutislam.net/shariah/refine-your-heart/the-art-of-giving-advice-15-tips/ https://www.youtube.com/watch?v=1DTwPbNTiTY&ab_channel=MuslimAmericanSociety



The Winchester School

Year 9- Family Learning Newsletter – January - 2023

	<ul style="list-style-type: none"> ➤ To explain the importance of sincere advice as an Islamic duty. ➤ To explain the meaning of sincere advice and its goal. ➤ To explain the effects of sincere advice on the individual and society ➤ To elucidate the types and prohibition of haram food (by referencing Quran & Ahadeeth). ➤ To explore the link between science and religion (regarding pork and alcohol by giving example from Quran & Ahadeeth) ➤ To evaluate the consequences of consuming haram food. (by giving examples from real life) ➤ To explain the meaning and rulings of Hajj. ➤ To identify the rituals and acts of Hajj performed by Prophet Muhammad(s) 	<ul style="list-style-type: none"> ✓ Research and create a power point with the title “Guidelines to Halal and Haram food in Islam”. Support your answer with rules of fiqh and ayat and Hadeeth. ✓ Create a video on each others rights and explain the importance of helping each other by giving examples from the life of Prophet (P.B.U.H) ✓ Watch a video telling about the rituals and acts of Hajj ✓ Learn how to give advice through role play and designing posters. 	https://www.youtube.com/watch?v=ySD5h8cdcMU
PSHCEE	TOPIC: Road Safety and Human Rights LEARNING OBJECTIVES-	Encourage your child to <ul style="list-style-type: none"> ✓ Follow rules while crossing the road or when travelling. 	https://www.youtube.com/watch?v=nDgIVseTkuE&t=12s



The Winchester School

Year 9- Family Learning Newsletter – January - 2023

	<ul style="list-style-type: none"> ➤ To point and explain that some attitudes and behaviours can cause road accident. ➤ To explore the concept of Human rights 	<ul style="list-style-type: none"> ✓ Discuss the different Human rights that are commonly violated 	
HISTORY	<p>TOPIC: WWI</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ➤ To assess the impact of WW on the life of a soldier and his/her family. 	<ul style="list-style-type: none"> ✓ Along with your child watch at least one WWI movie such “1917” or “All Quiet on the Western Front” and analyse the social-physical-emotional impact of the war on the lives of soldiers and their families. 	<p>https://www.youtube.com/watch?v=qFqgmaO15x4</p> <p>https://www.youtube.com/watch?v=UcmZN0Mbl04</p> <p>https://www.youtube.com/watch?v=JPNyNr2Kp4w</p>
GEOGRAPHY	<p>TOPIC: Plate Tectonic: Volcanoes</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ➤ To investigate the impact of recent volcanic eruptions in Indonesia / Hawaii on the lives of people. 	<ul style="list-style-type: none"> ✓ Encourage your child to create a research report on the impact of volcanic eruptions at Mount Semeru OR Mauna Loa on the lives of people. 	<p>https://edition.cnn.com/2022/12/06/us/mauna-loa-highway-kilauea-eruption-tuesday/index.html</p> <p>https://edition.cnn.com/2022/12/04/asia/indonesia-semeru-volcano-erupts-intl/index.html</p>
UAE SOCIAL STUDIES	<p>Topic: The land and geography of North America</p>	<p>Help your child to research and find out the answer to the following question:</p>	<p>https://www.britannica.com/place/North-America</p>



The Winchester School

Year 9- Family Learning Newsletter – January - 2023

	<p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To identify and analyse the geographical features of the North American continent including rivers, mountains and natural resources 	<ul style="list-style-type: none"> ➤ Why do some areas of the Arctic have for darkness half the year and sunlight for half the year? 	
MORAL EDUCATION	<p>TOPIC: Morality in the Context of States</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ➤ To explore the concept of government and state, and examine the characteristics and qualities of good government. ➤ To explore politics, both in the UAE and global context. ➤ To consider how governments can promote equality and social cohesion. 	<p>Encourage your child to:</p> <ul style="list-style-type: none"> ✓ Explain the different historical forms of government and main forms of government today. ✓ Describe the key characteristics of a good government. ✓ Discuss the role of government in increasing/ decreasing the level of social equality and cohesion in a country such as the UAE. 	<p>https://u.ae/en/about-the-uae/the-uae-government</p>
FRENCH	<p>TOPIC: Au restaurant</p> <p>LEARNING OBJECTIVES-</p>	<p>Along with your child create a role play based on these instructions:</p>	<p>https://www.french-games.net</p> <p>www.language-gym.com</p>



The Winchester School

Year 9- Family Learning Newsletter – January - 2023

	<ul style="list-style-type: none"> ➤ To exchange information and opinions about meals and eating habits. ➤ To communicate while buying food in different types of shops ➤ To order drinks and snacks in a cafe or a restaurant ➤ To use quantity expressions and forms of “le conditionnel présent” 	<p>Vous allez au restaurant en France avec un(e) ami(e).</p> <ul style="list-style-type: none"> ✓ Saluez l'employé(e). Dites que vous voudriez une table pour deux personnes. ✓ Dites ce que vous voudriez comme plat principal pour vous et votre ami(e). ✓ Commandez deux sortes de légumes différentes. ✓ Commandez 2 boissons différentes pour vous et votre ami(e). ✓ Vous cherchez les toilettes. Posez une question appropriée. 	<p>www.quizlet.com</p> <p>www.francaisfacile.com</p> <p>www.tv5monde.fr</p> <p>www.france5.fr</p> <p>www.la1.be</p> <p>www.duolingo.com</p>
<p style="text-align: center;">ICT</p>	<p>TOPIC: Data representation</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ➤ To understand how and why computers use binary to represent all forms of data ➤ To explore the importance of the denary, binary and hexadecimal number systems and its conversion from one form to the other. 	<p>Encourage your child to</p> <ul style="list-style-type: none"> ✓ Research and explain the different number systems. ✓ Research in order to understand the basic concept of Hexa decimal number system. ✓ Convert a Hexa decimal number into decimal and explain the steps of conversion. 	<p>Binary counter – for example:</p> <p>www.mathsisfun.com/binary-decimal-hexadecimal-converter.html</p> <p>Binary numbers at Computer Studies Unplugged:</p> <p>http://csunplugged.org/binary-numbers</p> <p>Cisco binary game:</p>



The Winchester School

Year 9- Family Learning Newsletter – January - 2023

			<p>http://forums.cisco.com/CertCom/game/binary_game_page.htm</p> <p>https://www.bbc.co.uk/bitesize/guides/z26rcdm/revision/1</p>
STEAM	<p>TOPIC: Smart Lighting System</p> <p>LEARNING OBJECTIVES-</p> <p>➤ To investigate about smart lighting grids and what makes them energy efficient.</p>	<p>Along with your child</p> <ul style="list-style-type: none">✓ Explore the benefits of smart lighting systems and investigate how it is energy efficient.✓ Explore the working of Smart Lighting Systems.✓ Research on the Best Smart Lighting Systems for 2022.✓ Create a presentation that shows the functions of various Smart Lighting Systems and how they are different from each other.	<p>https://www.allhomerobotics.com/the-best-smart-lighting-systems/#:%7E:text=Using%20a%20smart%20lighting%20system,even%20by%20using%20voice%20commands</p>