



The Winchester School

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SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	TOPIC: Argumentative Essay Learning Objectives: <ul style="list-style-type: none">To analyse the components of an argumentative essay.To compare and contrast elements of speech and argumentative essay.To analyse relevant ideas and compose argumentative essay.	Along with your child discuss: The current issues. <ul style="list-style-type: none">The varying point of views in argumentative essays based on respective issues.The ideas and develop your own arguments.	<ul style="list-style-type: none">Privacy error (singaporeassignmenthelp.com)
MATHS	TOPIC: Algebra Learning Objectives <ul style="list-style-type: none">To substitute values in expressions and rearrange formulae.To expand brackets and simplify expressions.To factorise given expressions.To solve linear equations	<ul style="list-style-type: none">Encourage your child to research on real life applications of algebra and present your work with examples.Motivate your child to complete the following Cross curricular Activities in the link given below:<ul style="list-style-type: none">➤ Kelvin Temperatures and Very Cold Things	<ul style="list-style-type: none">https://www.mathsisfun.com/algebra/expanding.htmlhttps://www.transum.org/software/SW/Starter_of_the_day/Students/Equations.asp?Level=5https://emedia.rmit.edu.au/learninglab/sites/default/files/ES1_Linear_Equations.pdf



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		<p>https://spacemath.gsfc.nasa.gov/Algebra1/5Page78.pdf</p> <p>➤ Variables and Expressions from Around the Cosmos:</p> <p>https://spacemath.gsfc.nasa.gov/Algebra1/5Page81.pdf</p> <p>➤ Pulsars and Simple Equations:</p> <p>https://spacemath.gsfc.nasa.gov/Algebra1/5Page79.pdf</p>	<ul style="list-style-type: none"> • https://mathsmadeeasy.co.uk/wp-content/uploads/2020/02/Rearranging-Formulae-Questions-MME.pdf • https://thirdspacelearning.com/gcse-maths/algebra/rearranging-equations/
BIOLOGY	<p>TOPIC- Structure of Chromosome, DNA and Cloning.</p> <p>Learning Objectives-</p> <ul style="list-style-type: none"> • Describe how variation causes competition for resources, and drives natural selection. • Outline the theories of Lamarck, Wallace and Darwin. 	<p>Activities:</p> <ul style="list-style-type: none"> • Encourage students to create an online article or play about the different types of mutations that occur and how they impact genes and chromosomes. • Cloning has been a genetic reality since 1952 and various organisms have been cloned. Along with your ward, create a PowerPoint presentation on these 	<ul style="list-style-type: none"> • https://www.bbc.com/bitesize/guides/z36mmp3/revision/1 • https://pmgbiology.com/2014/10/21/dna-structure-and-function-igcse-a-understanding/ • https://www.youtube.com/watch?v=x73bsC7WIsE



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	<ul style="list-style-type: none">• Explain that chromosomes are made of genes containing DNA, and describe the structure of DNA.• Assess the work of Watson, Crick, Wilkins and Franklin on DNA structure.• Analyse how fertilisation results in each new individual being genetically unique.• Evaluate how organisms may be artificially cloned.	<p>organisms that addresses how organisms are cloned, the ethical issues behind cloning, and whether you support cloning.</p> <ul style="list-style-type: none">• Encourage your child to create an online poster board display that shows the structure and function of DNA.	
CHEMISTRY	<p>Topic: Atomic structure, Periodic Table and Electron configuration</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• To outline the structure of an atom and state the properties of a sub-atomic particles of an atom.• To understand the concept underlying the arrangement of elements in the periodic table and explain the trends.	<p>Activities:</p> <ul style="list-style-type: none">• Encourage your child to make a 3-D model of an atom choosing any element from the periodic table describing its structure and properties of sub-atomic particles (electron, proton and neutron).• Motivate your child to use the following link to answer the quiz questions on Atomic structure – Test-1	<ul style="list-style-type: none">• www.kentchemistry.com/links/AtomicStructureLinks.htm• www.bbc.co.uk/schools/gcsebitesize/science/add_aqa_pre_2011/atomic/• www.chemguide.co.uk/atoms/properties/elstructs.html



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	<ul style="list-style-type: none">• To show the arrangement of electrons around an atom and able to draw the electronic configuration until 20 elements	<ul style="list-style-type: none">• Encourage your child to create any 10 questions from the topic electronic structure of an atom using Kahoot.• Motivate your ward to Research and list the scientists involved in the forming of a periodic table.• Motivate your child to Identify some of elements required by our human body and identify some of the elements, which have adverse harmful effects on our body.• Encourage your child to Research on the real life uses of noble gases and other common elements.	<ul style="list-style-type: none">• https://www.bbc.com/bitesize/guides/ztv797h/revision/3• www.bbc.co.uk/schools/gcsebitesize/science/add_aqa_pre_2011/atonic/
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PHYSICS	<p>Topic: LIGHT</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• To describe the passage of light through rectangular slab• To describe and calculate refractive index of a medium• To learn about the eye and its defects• To correct the eye defects.	<p>Activities:</p> <ul style="list-style-type: none">• Motivate your child to observe a pencil half submerged in water and research the reason for it.• Encourage the child to understand the importance of eye and how important it is to us.• Along with your child, research the defects of eye and how they affect our day to day life and how can these defects be corrected?	<ul style="list-style-type: none">• http://hyperphysics.phy-astr.gsu.edu/hbase/geoopt/refr.html• https://www.youtube.com/watch?v=jQDRNb-E-cY• http://www.physicsclassroom.com/class/refrn/Lesson-1/The-Cause-of-Refraction• http://www.chm.bris.ac.uk/webprojects/2002/upton/defects_of_the_eye.htm
ISLAMIC STUDIES (Arabs)	<p>Topic: الغفور العدل</p> <p>Learning Objectives:</p> <p>أن يستنتج الطلاب مظاهر مغفرة الله تعالى لعباده من أدلة القرآن الكريم والسنة النبوية .</p>	<p>Activities:</p> <ul style="list-style-type: none">- يكتب الطلاب بحثاً عن اسم الله تعالى الغفور.- يكتب الطلاب بحثاً عن اسم الله تعالى العدل.- يصمم الطلاب خرائط مفاهيم عن أسباب المغفرة.	<ul style="list-style-type: none">• https://www.almanahj.com/ae



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	<p>أن يحلل الطلاب حاجة العباد إلى عفو الله تعالى عن خطايا بني آدم.</p> <p>أن يدلل الطلاب على اسم الله العدل من السنة النبوية.</p>	<ul style="list-style-type: none">- يصمم الطلاب خرائط مفاهيم عن أنواع العدل- يحفظ الطلاب الأدلة من القرآن الكريم والسنة النبوية التي تدل على مغفرة الله تعالى وعدله.	
ARABIC (Non- Arabs)	<p>Topic: Weather in the four seasons</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• To describe the weather in the four seasons of the year.• To compare the weather in his country and the Emirates.• To provide a weather bulletin for each of the four seasons of the year.• To describe the weather at different times of the day.• To compare the weather of the different Emirati environments.• To explain the relationship between environmental pollution and weather.	<p>Activities: Encourage your child to</p> <ul style="list-style-type: none">• Design a mind map for each season of the year.• Write a weather report.• Write a letter to a friend about the weather in the Emirates.• Create a dialog about the weather.• Create Video about the weather in the Emirates.• Design a program for tourists to visit the Emirates in the seasons of the year.	<ul style="list-style-type: none">• https://www.youtube.com/watch?v=ACYx4roqXl4• https://www.youtube.com/watch?v=5HP4jldyE28• https://www.youtube.com/watch?v=53oHBQt1nHg• https://www.youtube.com/watch?v=UV03KqgKkYw• https://www.youtube.com/watch?v=9zIYNrmnT90• https://www.youtube.com/watch?v=xw1oy7lbpDw



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	<ul style="list-style-type: none">• To express his opinion on the weather in Seasons the year.• To describe how he feels in different weather conditions.• To suggest solutions to cope with weather conditions.		
ARABIC	<p>Topic: قصيدة في مكارم الأخلاق - قصة الدرس الأخير</p> <p>Learning Objectives:</p> <p>يحلل الأبيات في سياقها التاريخي والاجتماعي والسياسي، مستخلصًا العناصر الفنية لها.</p> <p>يوازن بين الأبيات ونظيرتها في نفس الغرض.</p> <p>يحلل العناصر الفنية للقصة، مبيِّنًا التقنية الفنية المستخدمة فيها.</p> <p>يستخلص الفكرة العامة والأفكار الفرعية للقصة.</p>	<p>يستخرج الصور الفنية والمحسنات البديعية في الأبيات</p> <p>يوضح القيم الأخلاقية الواردة في الأبيات.</p> <p>يبين دلالات بعض الكلمات الواردة في القصة.</p> <p>يكتب قصصًا مشابهة لقصة الدرس الأخير في الفكرة.</p>	<ul style="list-style-type: none">• https://www.youtube.com/watch?v=1V5YqUq5liw• https://www.youtube.com/watch?v=A0vtF-d6NFw



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ISLAMIC STUDIES (Non- Arabs)	<p>Topic:</p> <p>1. Al Ghafour The Forgiving, Al Adl The Just Glorified be He</p> <p>2. Sincere Advice</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• To explain the importance of Allah's Attributes (Al-Adl & Al- Ghafoor. (by giving reference from Quran and Sunnah).• To analyse the conditions of accepting forgiveness (At Tawbah)• To evaluate the effect of Justice and Forgiveness on society.• To elucidate the concept of sincere advice in Islam (by referencing Quran and Sunnah).• To analyse the ethics of sincere advice. (By giving example from Seerah)	<p>Activities: Encourage your child to</p> <ul style="list-style-type: none">• Create a power point on the conditions of Forgiveness of Allah (S.W.T) and His Justice in Punishing and the effect of these two Qualities of Allah on behaviour of people, and safety of society.• Create a story from Seerah of the Prophet (P.B.U.H) shows his forgiving attitude.• Explore the benefits of justice in society.• Explore the importance of sincerity in work and in giving advice to individuals and society. Support your answer with ayat and Hadeeth.• Recognize the situation in which giving advice is not advisable? How would you react if the other person rejected your advice? Give evidence from Al Quran.	<ul style="list-style-type: none">• https://www.youtube.com/watch?v=DHYGuIQWXRE• https://www.youtube.com/watch?v=ipUHNiyUfLw
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	<ul style="list-style-type: none">To evaluate the consequences of Sincere advice on individuals and society. (by giving example from real life)		
PSHCEE	<p>Topic: Are you A Good Citizen and Anti-Social Behaviour</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none">To understand how good citizens can create a big impact to the communityTo understand what anti-social behaviour is and why people behave in that way	<p>Activities:</p> <ul style="list-style-type: none">Along with your child, discuss about ways they can be a good citizen in their community.Motivate your children to list about examples of acts of anti-social behaviour.	<ul style="list-style-type: none">http://www.sanchezclass.com/goodcitizen.htmhttps://daringtolivefully.com/good-citizen
MORAL EDUCATION	<p>Topic: Communities and Social Groups in the UAE, Diverse Community and The Concept of Equality in Society</p> <p>Learning Objectives:</p>	<p>Activities:</p> <ul style="list-style-type: none">Along with your child discuss about the meaning of community and how they are important within a social group.	<ul style="list-style-type: none">https://www.wellbeingpeople.com/2020/07/23/the-importance-of-an-engaging-community/https://www.hr.admin.cam.ac.uk/policies-procedures/behavioural-



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	<ul style="list-style-type: none">• To mention the types of communities and main groups within the UAE.• Demonstrate understanding of diversity and equality in the UAE and articulate the benefits of diversity.	<ul style="list-style-type: none">• Encourage your child to make a pie chart representing the different communities and social groups within the UAE.• Encourage your child to create a questionnaire that they may use to interview various people within your community to find out about their social values.• Discuss with your child the importance of being socially acceptable within your community and the UAE	attributes/behavioural-attributes-framework/valuing-diversity
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HISTORY	<p>Topic: World War I</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">To examine how European powers (Russia, Germany, France and Britain) got involved in World War I.	<p>Activities:</p> <ul style="list-style-type: none">Along with your ward, watch the videos and discuss the events that were to blame for the outbreak of WWI?Encourage your child to have a debate on Germany was more to blame than Serbia for the outbreak of World War I.	<ul style="list-style-type: none">https://www.youtube.com/watch?v=JEGVcSpfM9khttps://www.johndclare.net/causehttps://www.youtube.com/watch?v=0jycVFL8CNM
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GEOGRAPHY	<p>TOPIC: From Rock to Soil</p> <p>Learning OBJECTIVES:</p> <ul style="list-style-type: none">To examine the difference between landscape and the rock cycle.	<p>Activities:</p> <ul style="list-style-type: none">Motivate your child to compare and contrast the landscape of the UAE to that of UK.Encourage your ward to write an essay on- How can we prevent destruction of soil while using it?Along with your child visit the soil museum on a weekend.	<ul style="list-style-type: none">https://www.tes.com/teaching-resourceshttps://www.google.com/search?scasv=562779362&rlz=1C1GCEU_enGBAE1001AE1002&sxsrf=AB5stBi8Wh4vI4TtvR2I3uobl9zvvgI9QQ:1693931604365&q=from+rock+to+soil&tbm=vid&source=lnms&sa=X&sqi=2&ved=2ahUKEwj847T88pOBAXX1RPEDHe4mB9oQ0pQJegQIDBAB&biw=1280&bih=603&dpr=1.5#fpstate=ive&vld=cid:c21e7d9f,vid:nRtZUFXNXZ4
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UAE SOCIAL STUDIES	<p>TOPIC: Land and Resources of Africa</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"> To examine the physical geography of Africa. 	<p>Activities:</p> <ul style="list-style-type: none"> Encourage your child to create a list of resources that we use every day that are from Africa. Along with your child locate the rift valley on the map of Africa and list the countries' that the rift valley runs through. 	<ul style="list-style-type: none"> https://www.youtube.com/watch?v=nEFybyiLkD0 https://www.french-games.net/frenchlessons?topic=Home%20%20rooms%20in%20the%20house&level=primary https://education.nationalgeographic.org/resource/africa-physical-geography/
FRENCH	<p>Topic: Tu habites où? Qu'est-ce qu'il y a en ville?</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> To describe a house in detail. To revise prepositions of place. To identify different amenities in a town 	<p>Activities:</p> <ul style="list-style-type: none"> Along with your child, revise the vocabulary describing different parts of the house use the link below: <p>https://www.youtube.com/watch?v=BKLuaH7T_yk&ab_channel=EvaGarc%C3%ADa</p>	<ul style="list-style-type: none"> https://www.frenchgames.net/frenchlessons?topic=Home%20%20rooms%20in%20the%20house&level=primary https://www.youtube.com/watch?v=ms_bjzkKIM0&ab_channel=YouLearnFrench



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		<ul style="list-style-type: none"> Encourage your child to write a small composition (60 – 80) words, decoding the given plan using the vocabularies and prepositions given in class. 	<ul style="list-style-type: none"> https://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-5847.php http://www.tv5monde.com/
ICT	Topic: HTML / WEB AUTHORING Learning Objectives: <ul style="list-style-type: none"> To develop a web page for projects, personal use or companies. To design a webpage using stylesheets and media. To create, apply an appropriate style including font type (serif, sans-serif), point size, font 	Activities: <ul style="list-style-type: none"> Along with your child visit popular websites to see how the home pages are designed. Consider visiting these personal pages and discussing them. Encourage your child to create a Sway presentation which discusses various options for creating a webpage and software's available for the same 	<ul style="list-style-type: none"> https://websitebuilders.com/how-to/build-a-homepage/ https://websitebuilders.com/how-to/build-a-homepage/



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	<p>colour, alignment, line spacing, style of bullets, text alignment to the left, right, centre or fully justified.</p> <ul style="list-style-type: none">• To use text enhancement, including bold, underline, italic, highlight.• To attach stylesheets to the html page.		
STEAM	<p>Topic: Night Safety- Micro:bi</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• To design, create and test a prototype of a flashing wheel light to help improve road safety at night for wheelchair users.	<p>Activities:</p> <ul style="list-style-type: none">• Encourage your child to develop understanding of issues around road safety for wheelchair users, especially at night.• Design and create along with your child a prototype of a flashing wheel light using micro: bit to help wheelchair users 'Be Safe: Be Seen!' at night.• Motivate your child to Test, debug, evaluate and present a Flashing wheel light prototype.	<ul style="list-style-type: none">• https://microbit.org/lessons/night%20sensor/



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