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SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	Topic: Hamlet Learning Objective: To analyse dramatic elements in Hamlet.	Activity: ❖ **Discuss Themes and Motifs**: Encourage your child to analyse recurring themes and motifs in the text. Have regular discussions about how these themes relate to the characters and plot and explore how they connect to broader real-life issues. ❖ **Create a family tree:** Help your child understand the complex relationships between the characters in Hamlet by creating a family tree. This can be a visual aid to help them follow the story. ❖ **Stage a performance:** Encourage your child to act out scenes from Hamlet. This can be a fun and creative way for them to explore the characters and themes of the play.	https://www.savemyexams.com/gcse/english-literature/aqa/17/revision-notes/1-shakespeare/how-to-answer-the-shakespeare-essay-question/writers-methods-and-techniques/
MATHS	Topic – Bearings Learning Objective: ❖ To understand and apply the concept of bearings.	Activities Encourage your child to ❖ Research on real life applications of algebra and present your work with examples. ❖ Research on application of research graph in different fields.	**https://www.transum.org/Software/SW/Starter_of_the_day/Similar_Thumbnails.asp?ID_Topic=6** **https://corbettmaths.com/2018/04/04/bearings-2/**

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	❖ Analyse and measure bearings to calculate the angles and the distance using Trigonometry and Pythagoras theorem. ❖ To interpret scale drawings-Draw and interpret scale drawings. ❖ To Use and interpret three-figure bearings Topic – Scatter Graph ❖ Evaluate and use scatter diagram in Plotting the graph.		**https://thirdspacelearning.com/gcse-maths/geometry-and-measure/bearings-maths/** **https://thirdspacelearning.com/gcse-maths/statistics/scatter-graphs/** **https://corbettmaths.com/2019/09/26/scatter-graphs-textbook-exercise/** **https://www.bbc.co.uk/bitesize/guides/z6p82hv/revision/2**
PHYSICS	Topic- Refraction through convex lens ❖ To know the image formation in convex lens	❖ Use simulation for ray diagram and to explain the nature of a real and a virtual image ❖ Research on uses lenses Investigate converging lenses by: forming an image of a distant object (e.g., a tree or building seen from the laboratory window), bringing ❖ parallel rays from a ray box to a focus through a cylindrical lens, drawing ray diagrams to scale to show the formation of a real image ❖ Ask your child when a rainbow is formed and if there is any similarity with the colours seen in a soap bubble.	https://ophysics.com/l12.html http://www.bbc.co.uk/schools/gcsebitesize/science/triple_aqa/medical_applications_physics/lenses/revision/1/ https://www.physicsclassroom.com/Physics-Interactives/Refraction-and-Lenses/Optics-Bench/Optics-Bench-Refraction-Interactive

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	Dispersion ❖ Describe how a spectrum can be produced from white light in terms of wavelength	❖ Research on the reasons for spectrum to be formed. ❖ Describe making of spectrum(dispersion). ❖ Primary and secondary colours. Explain how filters work.	https://sciencing.com/lightdispersion-experiments-kids-12011389.html http://www.physicsclassroom.com/class/refrn/Lesson-4/Dispersion-of-Light-by-Prisms
CHEMISTRY	Topics: Electron configuration. ❖ To understand the concept underlying the arrangement of elements in the periodic table and explain the trends. ❖ To draw the arrangement of electrons around an atom and able to write the electronic configuration until 20 elements. Formation of Ions: ❖ Outline how ionic bonds are formed by the transfer of electrons to produce cations and anions Formulae for compounds. ❖ To use crisscross methods to write the correct formulas for ionic compounds.	Activity: ❖ Read the context and summarise about nuclear power plant plans in UAE using the below link. **https://en.wikipedia.org/wiki/Nuclear_power_in_the_United_Arab_Emirates** ❖ Discuss with your child about the different scientist involved in developing the periodic table and name some of the elements named after the famous scientist. ❖ Talk to your child about the major cations and anions in our body. What does anion do to our body? How are cations helpful? ❖ Encourage your child to list some of the very useful compounds and to write their correct formulas (using criss-cross method).	**https://en.wikipedia.org/wiki/Nuclear_power_in_the_United_Arab_Emirates** **www.bbc.com/news/science-environment-35220823** https://www.bbc.co.uk/bitesize/guides/z37t4j6/revision/1 https://www.bbc.co.uk/bitesize/guides/zg923k7/revision/3

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BIOLOGY	Topic- Variation and Genetics Learning Objective: ❖ Describe how variation causes competition for resources, and drives natural selection. ❖ Explain the theories of Lamarck, Wallace and Darwin. Topic- Structure of Chromosome & DNA Learning Objectives: ❖ Explain why it is important for scientists to be able to extract DNA from cells. ❖ Explain how fertilization results in each new individual being genetically unique. ❖ Explain how some genetic disorders arise. ❖ Explain how organisms may be artificially cloned & explore the ethical issues around artificial cloning.	❖ Encourage students to create an article or play about the different types of mutations that occur and how they impact genes and chromosomes. ❖ Students will share the story of evolution and discuss the importance of evolution. ❖ Encourage your child to create a 3D model of DNA structure with the materials available at home and explain its function. ❖ Discuss with your child the process of fertilization results in each new individual being genetically unique. and ask them to create a poster. ❖ Motivate your child to research and find out how some genetic disorders arise, ask them to list some of the genetic disorders. ❖ Encourage your child to create a power point presentation on the process of cloning	https://www.bbc.com/bitesizu/evolibrary/article/0_0_0/me/guides/z36mmp3/revision/4/10/21/dna edexcel/cells/cloningrev1.sh

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	❖ Explain the use of gene banks to preserve hereditary material before a species becomes extinct.		
ISLAMIC STUDIES (Arabs)	Topic: الحلال بيّن الحج Learning Objectives: 1-قراءة الحديث قراءة صحيحة 2-أبين الهدايات الواردة في الحديث الشريف. 3-أكتشف أهمية تجنب الشبهات 1-أبين معنى الحج وحكمه. 2-أوضح أنواع الحج ومناسكه. 3-أحدد أركان الحج وواجباته وسننه	ابحث عن الأعمال الصحيحة التي تحافظ على سلامة القلب من الشبهات. تصميم مادة إعلامية توضح مناسك الحج. -	❖ رابط: https://2u.pw/J8efKTJx ❖ https://2u.pw/CpDGXbR4
ARABIC (Arabs)	Topic: سيرة تعلمت من أوقات الفراغ قصيدة في مكارم الأخلاق Learning Objectives: 1. أن يبين الفكرة العامة والأفكار الفرعية للسيرة 2. أن يحلل السيرة تحليلا فنيا ولغويا 3. أن يفسر مفردات الأبيات 4. أن يستنتج الغرض الشعري للأبيات	Activities: 1. يقيم السيرة من وجهة نظره 2. يحلل السيرة تحليلا أدبيا 3. يبين المعنى الإجمالي للأبيات 4. يستخرج الصور الفنية في الأبيات	❖ https://sis-moe-gov-ae.arabsschool.net/2018/10/I-learned-from-leisure-time.html ❖ https://seraj-uae.com/file/2473/

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ARABIC (Non- Arabs)	Topic: Weather and life Learn objectives: ❖ To describe life in the seasons of the year. ❖ To compare life in different seasons of the year. ❖ To explain the most important aspects of life in the seasons of the year. ❖ To analyse the text literally and rhetorically. ❖ To write a message about the seasons of the year, taking into account the elements of the message. ❖ To evaluate the impact of the seasons on our lives.	Activities: Motivate your child to - ❖ Design a mind map for each season of the year. ❖ Create a dialogue about weather and life. ❖ Providing a specific program for each season of the year. ❖ Make a video about the most important aspects of life in each season of the year. ❖ Write a story about the seasons of the year	❖ فصل الربيع.pdf ❖ فصل الشتاء.pdf ❖ كل الفصول.pdf ❖ الصيف.pdf ❖ الربيع.pdf ❖ https://youtu.be/AgeRgYDBxw4?si=tXa-f_teHnlocW9t ❖ الخريف.pdf ❖ https://youtu.be/7kBkzjpYLp8?si=HAwKd_egCc6dqMaJ ❖ https://youtu.be/zUZDQe6W0_I?si=AwRdJJq9-u0V2dtM ❖ الشتاء.pdf ❖ https://youtu.be/Jk9QbgyPGgs?si=s4AtyfrmT3fSZhAB
ISLAMIC STUDIES (Non- Arabs)	1. Exchanging Advice in Islam ❖ To explain the importance of sincere advice as an Islamic duty. ❖ To analyze the meaning of sincere advice and its goal.	Activities: Encourage your child ❖ Search and create two mind maps of the advantages of Zakat for the society	❖ http://aboutislam.net/shariah/refine-your-heart/the-art-of-giving-advice-15-tips/

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	❖ I can evaluate the effects of sincere advice on the individual and society 2. Zakat- Alms giving in Islam ❖ To explain the concept of Zakat linguistically and idiomatically. ❖ To analyze the benefits and advantages of zakat for individuals and society. ❖ To create a plan to calculate Nisab	❖ Search and explore how it is important sincerity in work and in giving advice to individuals and society. Support your answer with ayat and Hadeeth. ❖ How would you recognize the situation in which giving advice in not advisable? How would you react if the other person rejects your advice? Give evidence from Al Quran.	❖ https://www.islamic-relief.org.uk/giving/islamic-giving/zakat/zakat-rules/
PSHCEE	Topic: Are you a Good Citizen Learning Objectives: ❖ To understand how good citizens can create a big impact to the community ❖ To learn about what students can do as active citizens to improve the community they live in.	Activities: Motivate your child to ❖ Create a set of rules so that the community can live in harmony. ❖ Discuss on why we should involve ourselves in the community program.	❖ https://www.wcsu.edu/community-engagement/benefits-of-volunteering/#:~:text=Volunteering%20can%20provide%20a%20healthy,sense%20of%20pride%20and%20identity.
MORAL EDUCATION	Topic: The Individual and The Community Learning Objectives:	Activities: ❖ Encourage discussions on the word bias by giving examples of situations, self-reflection	❖ https://www.bdc.ca/en/articles-tools/employees/manage/how-

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	❖ To discuss whether our opinions can be manipulated or shaped by media. ❖ To explore steps, we can take to eliminate discrimination.	❖ Reflect on how to demonstrate respect and empathy for, and sensitivity to individuals who are different or who are from different backgrounds.	eliminate-discrimination-from-your-workplace
HISTORY	Topic: Course of WWI Learning Objectives- ❖ To examine the trench warfare methods used in WWI	Activities: ❖ Discuss with your child-To what extent was the trench warfare system beneficial to soldiers?	❖ warfare system beneficial to soldiers? ❖ www.studyhistory.co.uk ❖ ww.bbc.co.uk/history ❖ www.schoolhistory.co.uk ❖ www.history
GEOGRAPHY	Topic: Sustainable Living LEARNING OBJECTIVES- ❖ To create sustainable solutions to selected ecological challenges.	Activities: ❖ Help your child create a design and create a product using 3Rs with C2C sustainability model.	❖ Workbook

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UAE SOCIAL STUDIES	Topic: – Africa from colonialism to independence Learning Objectives- ❖ To understand Africa's transformation in the 20th century from colonialism to Independence.	Activities: ❖ Discuss with your child on the following pointer where the new countries created in Africa after colonization really 'new 'countries? Explain the answer.	Year 9 UAE SST MOE textbook
FRENCH	Topic: Nettoie le monde! Learning Objectives: Grammar: ❖ To conjugate Irregular verb: ALLER in the present and past tense. ❖ To use the verb ALLER in the near future tens. ❖ To use the grammatical structure "Pour + infinitive form" with a range of regular and irregular verbs ❖ To use "Il faut …" ❖ To use imperative forms to give commands	Activities: Encourage your child to ❖ Discuss about the civic and moral obligations to care about the environment. ❖ Demonstrate how do we show that we care about the place where we live? Make up a slogan or a motto that could be used for a pro environmental action.	❖ www.french-games.net ❖ www.language-gym.com ❖ www.quizlet.com ❖ www.tv5monde.fr ❖ www.francaisfacile.com ❖ French radio stations: ❖ www.cheriefm.fr ❖ http://www.rfm.fr/ ❖ http://www.nostalgie.fr/ ❖ http://www.voltage.fr/

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	Vocabulary: ❖ To develop a vocabulary bank related to protection of environment. ❖ To say what you're going to do to protect the environment.		
ICT	Topic: Safety & security Learning Objectives: ❖ To understand keeping data safe from accidental or malicious damage ❖ To explore keeping data safe from unauthorized users ❖ To identify diff techniques to use of passwords, firewalls, proxy servers, SSL, TLS and encryption risks posed by phishing and pharming and security safeguards ❖ To differentiate between Symmetric and Asymmetric encryption with examples ❖ To explain digital certificate with real life applications	Activities: Encourage students to ❖ Present a case study on a real-world data breach (e.g., Target, Equifax, or any recent event). Have students analyze what went wrong in terms of data protection, unauthorized access, and security vulnerabilities.	❖ https://www.bbc.co.uk/bitesize/guides/znxxh39/revision/1

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STEAM	Topic: Space and Rocket Learning Objectives: ❖ To evaluate how a star is formed and understand that the brightness of a star is due to its relative distance from Earth.	Activities: Encourage your child to ❖ Research and discuss the position of stars in the Milky Way. ❖ Explain about the milky way galaxies and gravitational force in space. ❖ Create a 3D model for the solar system to simulate the sound of a rocket launch. ❖ Create a 3D model system to represent the relationship between	❖ https://education.minecraft.net/en-us/resources/explore-lessons