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SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	**TOPIC – War Poetry** **LEARNING OBJECTIVES-** • To explore the genre of war poetry.	Encourage your child - • Research specific wars that have taken place in the past that changed the world. What impact have they had on society? For example, World War I and II. • Explore the historical and political contexts behind these wars. • Explore the different war poets, British as well as in another worlds. • Research on different themes that appear in war poems & create a visual representation and share with your teacher. • Compose a poem based on a war theme.	• [War Poetry	Poetry Foundation](#)

| MATHS

EXTENDED | **TOPIC: Probability**

LEARNING OBJECTIVES-
● To calculate a simple probability.
● To apply the concept of an event NOT happening.
● Using OR rule and AND rule Using Tree Diagram.

TOPIC: Equation of straight-line

LEARNING OBJECTIVES-

● To solve the equation of a straight line.
● To find gradient, midpoint and distance between the two points: Applying distance formula. | • Encourage your child to investigate on dependent and independent events.
• Research on application of probability and summarise your learning in the form of notes.
• Think of few common events in daily life. Classify them into mutually exclusive and independent events.
• Encourage your child to create a booklet on key concepts of the straight-line equation.
• Investigate relationship between independent and dependent variable of a straight lines with different slopes. | • http://www.ehow.com/list_7719506 _real-life-probability- examples.html
• https://www.onlinemathlearning.com/tree-diagrams.html
• https://www.softschools.com/math/topics/probability_of_dependent_events/
• https://www.khanacademy.org/math/probability/probability-geometry/probability-basics/v/probability-1-module-examples
• http://www.bbc.co.uk/education/topics/zq9d7ty/resources/1
• https://www.khanacademy.org/math/algebra/two-var-linear-equations/slope/v/slope-of-a-line |

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| BIOLOGY | **TOPIC- Immunity - Vaccination and Diseases**

LEARNING OBJECTIVES-

● Describe what bacteria need to survive.
● Analyse bacterial growth data.
● Investigate the effect of antibiotics on bacteria.
● Explain how bacteria can become immune to antibiotics.
● Evaluate the impact of superbugs on our health.
● Describe how vaccines were discovered.
● Explain how vaccines prevent a viral infection.
● Evaluate the risks involved with vaccination. | ● Motivate your child to describe the requirements needed for bacterial growth.
● Encourage your child to research and develop a logistic model to describe bacterial growth.
● Encourage your child to create an animated video to explain how bacteria become resistant to certain antibiotics.
● Ask your child to create a presentation on how vaccines are made.
● Tell your child to conduct a survey in your community to find out some diseases caused by microbes. | ● https://revisionworld.com/gcse-revision/biology/human-body/immunisation-vacination
● https://amrls.cvm.msu.edu/pharmacology/antimicrobials/effect-on-bacteria
● http://www.immunizeforgood.com/vaccines/how-vaccines-are-made |
| PHYSICS | **TOPIC- Kinematics**

LEARNING OBJECTIVES-

● To define speed can be determined by measuring distance travelled and time taken
● To plot and interpret a speed/time or a distance/time graph | Motivate your child to -

● Research on speed limit restrictions on roads and the needs to have them.
● Draw speed time graphs and use them to calculate distance and speed.
● Compare distance time graphs with speed time graphs. | ● http://www.physicsclassroom.com/class/1DKin/Lesson-1/Speed-and-Velocity
● http://www.bbc.co.uk/schools/gcsebitesize/science/add_aqa/forces/forcesmotionrev1.shtml
● https://www.youtube.com/watch?v=yJkyzzBryEM |

	• To recognize from the shape of a speed/time graph when a body is at rest and moving with constant speed • Calculate acceleration from speed/time graph.	• Discuss about acceleration and how it affects speed.	• https://www.khanacademy.org/science/physics/one-dimensional-motion/acceleration-tutorial/a/what-are-acceleration-vs-time-graphs
CHEMISTRY	**TOPIC- Heat Energetics of a reaction** **LEARNING OBJECTIVES** • To outline the meaning of exothermic and endothermic reactions. • To interpret energy level diagrams showing exothermic and endothermic reactions. **TOPIC- Rock cycle** **LEARNING OBJECTIVES** • Describe how three types of rocks are formed. **TOPIC- Balancing equations** **LEARNING OBJECTIVES-** To construct word equations and simple balanced chemical equations.	• Discuss with your child about what do they understand by exothermic and endothermic reactions. Research on what are the different ways to investigate this type of reaction. • Discuss with your child about the different types of rocks, how are they formed and give examples. • Talk to your child about the real life uses of different types of rocks. • Discuss with your child to give some real-life examples of chemical reactions and try to balance those equation. Examples combustion, neutralisation, photosynthesis.	• https://www.youtube.com/watch?v=eJXL0IrbtqE • https://www.youtube.com/watchv=4HS6D0hTzdg • GCSE Chemistry - Exothermic and Endothermic Reactions #36 - YouTube • https://www.bbc.co.uk/bitesize/guides/zwd2mp3/revision/5 • https://www.wikihow.com/Balance-Chemical-Equations • https://www.youtube.com/watch?v=bSlqA8nedGQ • https://www.youtube.com/watch?v=qquOFYOpdl0

| ARABIC (Arabs) | TOPIC – قوة العلم

LEARNING OBJECTIVES-
أن يحلل الطالب النص الشعري تحليلًا أدبيًّا
أن يحدد الفكرة الرئيسة والأفكار الداعمة في النص
أن يكتب نصًّا إقناعيًّا عن تأثير العلم في نهضة الأمم

TOPIC – الثعلب والديك

LEARNING OBJECTIVES-
أن يحلل الطالب النص تحليلًا أدبيًّا
أن يحدد مفهوم القصة الشعرية
أن يحول النص إلى قصة قصيرة

TOPIC – المحذوفات في الأسماء

LEARNING OBJECTIVES-
أن يستنبط الطالب الحروف المحذوفة في الأسماء وسبب حذفها
أن يوظفها في كتابة فقرة | يكتب الطالب نصًّا إقناعيًّا عن تأثير العلم في نهضة الأمم

يحول الطالب القصيدة إلى قصة قصيرة متقيدًا بالعناصر الفنية للقصة القصيرة

يكتب الطالب فقرة يستخدم فيها الأسماء التي حذفت منها الحروف | • https://www.youtube.com/watch?v=-q7CqU4hSvI

• https://www.youtube.com/watch?v=KWRbbfoP20c

• https://www.youtube.com/watch?v=pknEecQ_xEY |
| ISLAMIC STUDIES (Arabs) | TOPIC – لا للإنتحار - تبشير وتحذير
LEARNING OBJECTIVES- | يحرص الطالب على حفظ سورة الواقعة
يكتب موضوعاً عن التيسير في الإسلام
يكتب موضوعاً عن الإنتحار وكيف حفظ الإسلام النفس البشرية | • https://www.youtube.com/watch?v=GPTGmkzfek8
• https://www.youtube.com/watch?v=KIV_8XW8iVw |

	يشرح المعنى العام للحديث يستنتج الهدايات الواردة في الحديث يبين العلاقة بين الإيمان بالله وخشيته في السر والعلن يستنتج أثار ستر الأعمال المنهي عنها يستنبط أسباب الستر يبين مكانة النفس الإنسانية في الإسلام يقترح حلولاً لمشكلة الإنتحار		
ARABIC (Non- Arabs)	<u>**TOPIC –**</u> أحوال الطقس **LEARNING OBJECTIVES-** <u>ان يصف التلاميذ أحوال الطقس في فصول السنة</u> <u>أن يقارن التلاميذ بين الطقس في دبى وفى بلادهم</u> <u>أن يصمم التلاميذ نشرة جوية</u> <u>أن ينشيء التلاميذ تقريراً عن حالة الطقس</u>	• Motivate your child to create weather forecasting • Encourage your child to design banners about the weather case • Motivate your child to create videos about the weather in their countries • Create report about the weather cases	• https://youtu.be/5LWDBsq6Il8 • https://youtu.be/qRAxhrkHZG8

ISLAMIC STUDIES (Non- Arabs)	**TOPIC – Blind imitation** **LEARNING OBJECTIVES-** ● To explain the concept of imitation. ● To explain the position of Islam towards blind imitation. ● To distinguish between bad and good imitation in Islam	Encourage your child to create a video showing how bad is to imitate others and its bad effects on society.	● https://www.youtube.com/watch?v=ZJnEqCE_nKs
PSHCEE	**LEARNING OBJECTIVES-** ● To discuss the importance of being active in the community. ● To explore the ways where students can volunteer in the community	● Engage your child in the discussion of what active citizenship and volunteering are and how they have participated in this in their life.	● https://www.youtube.com/watch?v=kiZNO_Lca8k&t=4s
MORAL EDUCATION	**TOPIC – Morality in the Context of States** **LEARNING OBJECTIVES-**	● Discuss with your child the importance of the constitution and the role of the Federal Supreme Council in making sure that all seven	● https://www.youtube.com/watch?v=BydxIEBoYJY

	● To describe the key characteristics of a good governance. ● To explain the different historical forms of government and main forms of governments today.	emirates are represented in government policies and decisions. ● Host a family majlis or council to discuss law and consequences.	
HISTORY	**TOPIC – Cold War- Berlin Wall** **LEARNING OBJECTIVES-** ● To analyse the cause of the construction of the Berlin wall and examine its impact on the Germans.	● Discuss with your child: To what extent do you agree that the Cold War was more frightening than a conventional war? ● Examine the causes and consequences of the Berlin wall.	● https://www.youtube.com/watch?v=A9fQPzZ1-hg
UAE SOCIAL STUDIES	**TOPIC –National Heritage** **LEARNING OBJECTIVES-** ● To research on any one of the emirates and analyse its economic and commercial importance	● Motivate your child research about any one of the emirates and prepare a presentation on its commercial, economic and cultural importance.	● Year 9 UAE SST MOE text book

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GEOGRAPHY	**TOPIC – Earthquakes and Tsunamis** **LEARNING OBJECTIVES-** • To analyse the features of Tsunamis and examine their damages in comparison to earthquakes.	• Discuss with your child Why UAE is prone to milder magnitude earthquakes? • An earthquake can occur at any time of day? • When might an earthquake be more Harmful?	• https://www.youtube.com/watch?v=RS-WRjue7xk
FRENCH	**TOPIC – On voyage en avion** **LEARNING OBJECTIVES-** • To name places and services at the airport. • To ask and answer questions seeking information at the airport. • To solve problems connected to travelling by plane.	• Encourage your child to Read, listen and answer the activity in the link given below: http://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-8086.php • Motivate your child to improve their Grammar using the practice link shared below: http://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-17134.php	• www.tv5monde.org • www.youtube.com • www.french-games.net • www.language-gym.com • www.francais.lingolia.com.fr • www.francaisfacile.com • www.linguascope.com • www.lepointdufle.net

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ICT	**TOPIC –System Development Life Cycle** **LEARNING OBJECTIVES-** • To describe how it is necessary to design documents, files, forms/inputs, reports/outputs and Validation.	• Motivate your child to Identify and describe methods of researching an existing system. • Create a sway presentation explaining system development life cycle. • Research real life applications for Analysis, testing and development of system development life cycle.	• https://www.youtube.com/watch?v=uo98qmTYmxg • https://www.youtube.com/watch?v=OjoGtsFTCDw • https://www.youtube.com/watch?v=Yn6bapgy7Mo • https://www.youtube.com/watch?v=rAR5sbaphwU • https://www.igcseict.info/theory/8/design/index.html • https://www.ictlounge.com/html/design_new.htm
STEAM	**TOPIC – MICRO: BIT MAKE CODE** **LEARNING OBJECTIVES-** • To design a project on how to make a timer that you can use it to challenge your friends using micro: bit make code.	• Research on the applications of timer in everyday life. • To design on setting up the timer using variables, brick and input blocks. • To create a **new** timer, that counts down to 0	• **https://makecode.microbit.org/** • **https://projects.raspberrypi.org/en/projects/against-the-clock** • **https://makecode.microbit.org/docs**