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Area for	Focus	Activities	Useful Websites/Apps
learning			
English 1 st Language	To enhance the analytical skills and critical thinking skills of the students.	 Research on the Suffragette Movement and create a Timeline for the same. Write an article on how these moments have affected and influenced the life of women in the 21st century. 	 <u>http://www.bbc.co.uk/bitesize/hig</u> <u>her/history/britsuff/suffrage/revisi</u> <u>on/1/</u> <u>http://www.historyextra.com/artic</u> <u>le/social-history/10-facts-about-</u> <u>suffragettes</u> <u>http://www.historylearningsite.c</u> <u>o.uk/the-role-of-british-women-</u> <u>in-the-twentieth-</u> <u>century/suffragettes/</u>
English 2 nd Language	To enhance reading skills of the students in lieu of the coming IGCSE exams	 Choose any one report or article from the newspaper. The report or article must deal with the world of science or technology. Students will create questions in the manner and style of an IGCSE paper. 	 <u>www.gulfnews.com</u> <u>www.khaleejtimes.com</u>
Mathematics (Additional)	 STRAIGHT LINE GRAPHS Interpreting equations of straight-line graphs 	 Research on Using the Distance and Midpoint Formulas in Real Life ARCHEOLOGY. For example, while on an archaeological dig, you discover a piece of 	 <u>http://www.classzone.com/eservic</u> <u>es/home/pdf/student/LA210AAD.p</u> <u>df</u>





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 Transforming given 	a broken dish. To estimate the original	<u>http://www.mathplanet.com/educ</u>
relationships to straight line	diameter of the dish, you lay the piece on	ation/algebra-1/radical-
form and determining the	a coordinate plane and mark three points	expressions/the-distance-and-
unknown constants	on the circular edge. Use these points to	midpoint-formulas
• Solving questions involving	find the diameter of the dish.	• <u>https://www.sophia.org/concepts/</u>
the mid-point and length of	• The variables x and y are related by the	midpoint-formula-in-the-real-
a line	equation $ax^2 - by^2 = x$. The straight-line	<u>world</u>
• Parallel and perpendicular	graph obtained by plotting values of y^2/x	• http://www.warrick.k12.in.us/scho
lines.	against the values of x, has a gradient of	ols/castlesouth/docs/Math/Algebr
	4/9 and passes through the point (18,4).	a/Alg%201%2012.6%20pg%20748.
	Find a.	<u>pdf</u>
	Make a list of derivatives of simple	• <u>https://www.chegg.com/tutors/w</u>
	functions	hat-are-Distance-and-Midpoint-
	Research on the applications of	<u>Formulas/</u>
	differentiation.	• https://www.bbc.com/bitesize/gu
	• How do you find maximum and minimum	ides/zyj77ty/revision/1
	points using differentiation?	• <u>https://revisionmaths.com/advan</u>
	Make notes to summarize learning that	ced-level-maths-revision/pure-
	includes solved examples.	maths/calculus/differentiation

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Mathematics	Differentiation	• Make a list of derivatives of simple	
(Extended)	 Learning objective: To calculate the gradient at a point on a curve, given its equation To find the equations of the tangent and normal to a curve at a point. To locate maximum and minimum points on the graph To use second derivatives to distinguish minimum and maximum points 	 functions Research on how to find the gradient of a curve at a differentiation at a point. Research on the applications of differentiation. How do you find maximum and minimum points using differentiation? 	 https://www.youtube.com/watch ?v=9AI3BkKQhn0 https://www.youtube.com/watch ?v=u7UwkUH0c1c https://www.youtube.com/watch ?v=AUbTx0IdTlw https://www.youtube.com/watch ?v=WCq3sRzsJfs https://www.youtube.com/watch ?v= PzGssi9Hgw https://www.youtube.com/watch ?v=Y0QPJjso_9w https://www.youtube.com/watch ?v=9pWiu7VxXP4
Physics	 ELECTROMAGNETIC INDUCTION Analyze the factors affecting magnitude and direction of an induced e mf Demonstrate the working of transformer 	 Do research on the uses of electro magnets in, day to day life. Use simulation to explain working of transformer Demonstrate knowledge of how to safely use techniques, apparatus and materials, planning an experiment & analysing errors 	 www.skool.co.uk www.lslandphysics.com www.cie.org.uk https://www.e4training.com/e ddy/simulate9.html https://interactives.ck12.org/si mulations/physics/ac- transformer/app/index.html

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	Revision for Premock		 <u>https://www.physicsandmathst</u> <u>utor.com/physics-</u> <u>revision/igcse-cie/</u>
Chemistry	Topic:Factors affecting rate of reaction• To outline the effect of concentration, particle size, catalysts (including enzymes) and temperature on the rate of reactions.Carbonates	 Make an infographic poster to elaborate the various factors affecting the rate of chemical reactions with suitable examples Create a mind-map using coggle to illustrate the various real life uses of calcium carbonate, calcium oxide, calcium hydroxide. 	 Effect of light - Changing rates - <u>GCSE Chemistry (Single</u> <u>Science) Revision - Other - BBC</u> <u>Bitesize</u> <u>https://www.savemyexams.co.</u> <u>uk/notes/igcse-chemistry-cie-</u> <u>new/13-carbonates/13-1-</u> <u>carbonates/</u> <u>https://www.savemyexams.co.</u> <u>uk/notes/igcse-chemistry-cie-</u> <u>now/6 chemical operantics/6</u>
	 To explore and demonstrate an understanding of the chemistry of limestone <u>Chemical energetics</u> 	 Design an experiment to determine the energy change during an exothermic/endothermic reaction using appropriate chemical reactions. 	 <u>new/6-chemical-energetics/6-</u> <u>1-chemical-energetics/6-1-1-</u> <u>energetics-of-a-reaction/</u> <u>https://igcsechemrevision.wor</u> <u>dpress.com/section-4/b-</u> <u>energetics/</u> <u>https://www.bbc.co.uk/bitesize</u>
	 To investigate the energy change in a given reaction To compare exothermic and endothermic reactions. 	 Write an article on 'Hydrogen fuel cell 'Energy of the future. 	 /guides/z8p72hv/revision/1 http://www.docbrown.info/pa ge01/ExIndChem/electrochemi stry10.htm

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	Production of energy		
	 To explore various types of fuels and ways of energy transfers 		
Biology	 Human and the environment Explain how forests can be conserved using: education and protected areas Explain how fish stocks can be conserved using: education, closed seasons, protected areas, controlled net types and monitoring. Describe the advantages and disadvantages of large-scale monocultures of crop plants and intensive livestock production. Explain the undesirable effects of deforestation as an example of habitat destruction. Describe the effects of non-biodegradable plastics, in 	 Design a newsletter, creating awareness of the damage caused to the ecosystem as a result of Human activities Schematically illustrate the merits and demerits of monoculture and livestock production Make an infographic poster to elaborate the effect of biodegradable plastic on different ecosystem Draw a flowchart showing how different human activities destroy environment in detail 	 <u>https://www.youtube.com/wat</u> <u>ch?v=ZkKme-b21IE</u> <u>https://www.youtube.com/wat</u> <u>ch?v=vUtu_Cy8msk</u> <u>https://www.youtube.com/wat</u> <u>ch?v=ST-1I9PDivQ</u> <u>https://www.youtube.com/wat</u> <u>ch?v=900Qnh2uNgM</u> <u>https://www.youtube.com/wat</u> <u>ch?v=-XN1zXQFnJA</u>



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	 both aquatic and terrestrial ecosystems Describe the sources and effects of pollution of the air by methane and carbon dioxide 		
Food and Nutrition	 Frozen foods Herbs and Spices Left-over Food 	 Compare the nutritional information and benefits between Fresh and Frozen food. Note the meals with frozen foods from different countries including UAE. Note the Origin of Herbs and spices and how is the spice trading down in UAE Food is something we all take for granted and it is easy to forget how much food we waste. Find how much food is wasted in your community and in UAE. Help to combat the Food wastage. 	 <u>https://www.nestle-</u> <u>family.com/en/article/key-</u> <u>keeping-frozen-food-fresh</u> <u>https://ivaluefood.com/resource</u> <u>s/cooking-eating/creative-ways-</u> <u>to-use-leftovers/</u> <u>https://www.britannica.com/topi</u> <u>c/list-of-herbs-and-spices-</u> <u>2024392</u>
Accounting	 To recognize the advantages and disadvantages of partnerships To prepare relevant financial statement pertaining to partnership businesses. 	 Research about the businesses in UAE, and compare and contrast how a partnership business is different from sole trading business. Evaluate the financial statements prepared at the end of the financial year. Produce a partnership agreement. 	 www.dineshbakshi.com www.cie.org.uk www.myaccountinglab.com

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Economics	 To differentiate between direct and indirect taxes To analyse how governments use taxation to affect the distribution of income. 	•	Use examples to contrast a direct tax with an indirect tax. Create a mind-map using mind-meister to analyse the advantages and disadvantages of direct & indirect taxes. Choose a country and comment briefly on its tax system and also, analyse how the government might use taxation to affect the distribution of income. (In not more than 150 words)	•	https://www.adityabirlacapital.co m/abc-of-money/direct-vs- indirect-tax-what-is-the-difference https://www.ionos.com/startupgui de/grow-your-business/direct-and- indirect-tax/ https://www.adityabirlacapital.co m/abc-of-money/advantages-and- disadvantages-of-indirect- taxes#:~:text=Thus%2C%20indirect %20taxes%20have%20both,own%2 Oplace%20in%20the%20economy.
Business Studies	• To reinforce the concepts of Quality Assurance and Quality control	•	 Choose at least two tasks from each row. You can attempt more tasks to gain more marks. 1. What you understand by term Total Quality Management? Give Example (3 marks) 2. Create a Mind Map on Quality marks or Quality standards (5 Marks) 		<u>ww.tutor2u.net</u> ww.dineshbakshi.com





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		2. Compare and contract the features of
		 3. Compare and contrast the features of Quality Control and Quality Assurance with examples on A3 Poster(10 marks 4. Write a poem or a rap song on the advantages of maintaining the quality in business. 5. Create a Prezi or Sway highlighting the implementation of TQM with example.(15 marks) • Write a report on "ISO ". Select an ISO approved business Analysis the advantages the business have obtain from the ISO standards (20 marks)
Travel and Tourism	 ICT in Travel and Tourism To analyse the use of ICT in Tourism Industry 	 Collect information from websites and explain how Travel and tourism providers make use of computerised information systems and relevant technology to obtain information (World span, Sabre, Galileo, World Wide Web). Www.bized.co.uk Local travel Magazines www.tutor2u.net

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Psychology	 Topic: Sleep and Dreaming <u>Objective:</u> To describe the functions of sleep. <u>Objective:</u> to examine the factors affecting sleep and Siffre's study. 	 You will accomplish the following tasks: Start keeping dream diaries. Investigate Stages and patterns of sleep. How do the stages of sleep fulfil different roles for the body and mind? Recall and record jetlag experiences. Use this to illustrate the factors affecting sleep. 	 <u>https://my.clevelandclinic.org/h</u> <u>ealth/diseases/12781-jet-lag</u> <u>https://healthysleep.med.harvar</u> <u>d.edu/healthy/science/how/ext</u> <u>ernal-factors</u> <u>https://www.frontiersin.org/arti</u> <u>cles/10.3389/fpsyg.2015.01717/</u> <u>full</u>
Sociology	<u>Topic:</u> Social Inequality <u>Learning Objective:</u> To assess the impact of welfare state and other government measures to reduce inequality	 Use the internet to research the topic. Also watch the videos on the links given, then answer the question: To what extend do welfare state and other governmental measures, including equal opportunities legislation reduce inequality? 	 <u>https://www.youtube.com/watch?</u> v= 4kmRUq8x6g <u>https://www.youtube.com/watch?</u> v=NfB-HebWrv8
Geography	Topic: Environmental risk and assessment Learning objective: Examine the ways in which human activities creates environmental risks.	Investigate how Environmental risk assessment is conducted in geography. Create an environmental assessment form to show how global warming can be reduced.	 <u>https://www.youtube.com/watch?</u> <u>v=RWtT0EfhNsE</u> <u>https://www.sciencedirect.com/to</u> <u>pics/earth-and-planetary-</u> <u>sciences/environmental-impact-</u> <u>assessment</u>



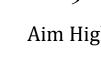
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s.shtml#:~:text=Environmental%20 Impact%20Assessment%20(EIA)%2 0is,impacts%2C%20both%20benefi

			 <u>cial%20and%20adverse</u>. <u>https://www.youtube.com/watch?</u> <u>v=fcBRSKGZjYM</u>
History	 <u>Cold War:</u> To analyse how secure was USSSR's control over Eastern Europe after 1945. 	 Use the internet to research the Hungarian uprising of 1956 and uprising in Czechoslovakia in 1968. Watch the videos provided on the links. Evaluate the sources to create a comparative analysis of Hungarian uprising of 1956 and uprising in Czechoslovakia in 1968. 	 <u>https://digitalarchive.wilsoncenter.org/collection/9/1956-polish-and-hungarian-crises</u> <u>https://www.youtube.com/watch?v=WNYVJjyoqWQ</u> <u>https://www.rferl.org/a/prague-spring-invasion-czech-soviet/29435069.html</u> <u>https://www.youtube.com/watch?v=-F4du579rcg</u>
Global	Individual Report	Based on the feedback provided by the	Different sources as selected by the
Perspectives		teacher on your individual report. You will	student.
		work to improve the report. Pay attention to	
		the following items:	
		 A suitable research question on one Individual report topic. 	





https://www.cbd.int/impact/whati

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 the topic from different perspectives. Ensure you keep a record of the sources you access. This is required for citation at the end. Following the feedback shared, rewrite the report. Ensure the following are analysed and evaluated in the report: Causes and consequences Various perspectives including personal, national and global Courses of action Evaluation of sources selectively Reflection and conclusion Ensure to include citation. Your word count should not exceed 2000 words.
 Spend more time to research the issue using reliable sources. Research the topic from different perspectives.
sources you access. This is required
 Following the feedback shared, re-
are analysed and evaluated in the report:
✓ Various perspectives including
 ✓ Courses of action

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Environmental	Human population	You will use various online resources to	• <u>https://www.bbc.co.uk/bitesize/gu</u>
Management		 investigate the topic Human population under the following areas: Changes on population size Population distribution and density Population structure Managing human population You will then create an infographic about UAE population touching on the above 4 areas. Also create revision flash cards on the topic. 	 ides/zkg82hv/revision/3 https://humangeography.pressbooks.com/chapter/2-1/ https://www.geographypods.com/theme-1populationsettlement.html https://www.thegeographeronline.net/theme-1-population-and-settlement.html
ICT	 <u>Topic:</u> Measuring and control devices <u>Learning Objective:</u> To describe a range of measurement applications To explain the difference between analogue data and digital data 	 In every walk of life, computers are being used as measuring device and controlling device. Life is automated to a large extent. Help your child to research on the various range of measuring applications used around us. Create a report, specifying following concepts: 	 <u>https://www.ictlounge.com/html/s</u> <u>ensors_new.htm</u> <u>https://www.igcseict.info/theory/2</u> <u>/sensor/index.htm</u> <u>https://www.igcseict.info/theory/2</u> <u>/sensor/index.htm</u>



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	 To explain the need for conversion between analogue and digital data To describe the use of microprocessors and computers in various applications 	 ✓ Explain various measurement applications (e.g., scientific experiments, weather stations) ✓ Explain the difference between analogue data and digital data ✓ Explain the need for conversion between analogue and digital data ✓ Describe the use of microprocessors and computers in various applications (e.g., pollution monitoring, intensive care units in hospitals) ✓ Name various sensors and describe three different applications which use these sensors. 	
Computer Science	 <u>Security and ethics</u> <u>Learning Objective:</u> Students analyse the need to keep data safe from accidental damage, including corruption and human errors. 	 Talk to your child to do research on importance of strong passwords and firewalls. Encourage your child to create a report for different forms of malware. Support child to add notes about preventing the form of malware and find 	• <u>7 Types of Computer Malware and</u> <u>How to Prevent Them - TitanFile</u>

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F			
	 Students to infer the need to keep data safe from unauthorized viewing, deleting, copying and corruption. 	 images to represent each section of malware. Encourage your child to explore digital etiquette element of digital citizenship 	
PE	Topic: Fitness, Diet and energy sources	 Revise the process of aerobic and anaerobic respiration to explain how energy is derived from food sources. Sketch a flowchart showing how health, exercise, fitness and performance are connected. 	 <u>www.bbc.co.uk</u> <u>www.teachpe.com</u>
ART	All assessment objectives. Primary focus on AO2 and AO3.	 Develop ideas through investigations, demonstrating critical understanding of sources. Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes. Present a personal and meaningful response that realises intentions. 	 <u>www.studentsartguide.com</u> <u>https://www.bbc.co.uk/bitesize/gu</u> ides/zc7mng8/revision/1
French	 Special occasions: Jours de fêtes On fait la fête avec les copains 	 Writing: To describe and speak about a special event 	 <u>https://francais.lingolia.com/fr/voc</u> <u>abulaire/jours-de-fetes</u>



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 Une occasion spéciale 	(wedding/anniversary/graduation)	• <u>https://www.espacefrancais.com/e</u>
Le passé composé	using the past tense.	xpressions-et-locutions-autour-du-
 L'accord au passé composé 	Speaking:	<u>mot-fete/</u>
	To describe and speak about a special event	• <u>https://www.francaisfacile.com/ex</u>
	(wedding/anniversary/graduation) using	ercices/exercice-francais-
	the past tense.	2/exercice-francais-102253.php
	Listening:	• <u>https://www.podcastfrancaisfacile.</u>
	<u>https://app.wizer.me/preview/U4TR07</u>	<u>com/vocabulaire/vocabulaire-la-</u>
	• <u>https://www.liveworksheets.com/lt367</u>	fete.html
	<u>656ij</u>	
	• https://lebaobabbleu.com/2019/04/03/	Le passé composé:
	<u>co-une-fete-originale/</u>	• <u>https://francais.lingolia.com/en/gr</u>
	Reading:	ammar/tenses/le-passe-compose
	• https://franchementfle.fr/2021/05/1	• <u>https://www.youtube.com/watch?</u>
	1/a2-organiser-une-fete-offrir-des-	v=yrL2nPF83no
	<u>cadeaux/</u>	• https://francais.lingolia.com/en/gr
	• https://bonjourdefrance.com/lesson	ammar/tenses/le-passe-
	s/a1/preparationDelf/864	compose/exercises
		 https://www.tolearnfrench.com/ex
		ercises/exercise-french-2/exercise-
		french-47347.php
		<u> </u>



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آيات من سورة النور - :TOPIC

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لاستماع إلى الآيات من موقع آيات.

(قرآن کریم) قراءة الآبات قراءة سليمة القاعدة: تحليل النّصّ القرآني، وكتابة دلالته الإنسانيّة. https://www.youtube.com/watch? Learning objectives: v=bX0ff8330il أن يحلّل معانى الآيات ضمن سياقاتها ملتفتا -البحث في موقع المعاني لتفسير المفردات -إلى خصائص النص أن يستخلص الرسالة الإنسانيّة الداعية لها -عرض بور بوينت متضمنا اسم الفاعل – اسم المفعول – الآبات. – صيغ المبالغة ومناقشة الطلاب والاستماع إلى إجاباتهم وتقديم التصحيح والتغذية الراجعة للطلاب https://www.youtube.com/watch? تقسيم الطلاب ألى مجموعات واعطاء كل مجموعة -أن يستخرج الطالب الظواهر النحوية v=9EYkUJQYoOI&t=10s مهمة (قطعة نحو مشتملة على أعرب واستخرج أن يتدرب TOPIC الطالب كيفية الإعراب واستخراج المشتقات من اسم فاعل واسم مفعول وصيغ مبالغة (صيغ المبالغة – Learning objectives: أن يميز الظواهر النحوبة والصرفية. https://www.youtube.com/watch? • . يعين اسمى الزمان والمكان في النصوص * v=pRy6HEEWMe8 بين خبراته السابقة. . يعرب اسمى الزمان والمكان * أن يوظف ما تعلمه من إنتاجه الشفوى * والكتابة.



Arabic (ARABS)



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اسما الزمان والمكان-TOPIC Learning objectives: أن يعين اسمى الزمان والمكان في النصوص * أن يعرب اسمى الزمان والمكان * العقود المالية في الاسلام-اللغة العربية يحفظ سورة الاحزاب www.ia.gov.ae/ar/Documents Islamic • Education :الأهداف يحرص على اتباع القرآن الكريم https://www.youtube.com/watch? (Arabs) ابحث عن ميثاق اللغة العربى أن يبين المقصود بالعقود v=49vJNp6tHbI أن يستنتج أهمية العقود المالية اكتب بحثا عن الوكالة في الاسلام أن يبين خصائص العقود المالية في الاسلام ، اكتب موضوعا عن عقد الرهان www.ia.gov.ae/ar/Documents • أن يببن أهمية اللغة العربية كتب بحثا عن مكانة اللغة العربية www.ia.gov.ae/ar/Documents أن يستنتج العلاقة بين اللغة الثقافة-اكتب بحثا عن جهود دولة الامارات في الحفاظ على اللغة العربية أن يعلل ضرورة ترسيخ اللغة العربية والثقافة -الاسلامية





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Islamic	TOPIC:		
Education (Non-Arabs)	 <u>Reason and Revelation</u> To comprehend the relation between Aql & Naql (by referencing Quran and ahadeeth) To elucidate the role of intellect towards the revelation. (by referencing Quran) To evaluate the responsibility of humans towards the revelation (by giving examples of real life) 	 Create a video explaining the relationship between reason and revelation. Search and write down the different levels of intellectuals and how they can affect the right meaning of revelation? Share how can we address this problem? Give reference of an ayah that talks about the importance of perfect reasoning. 	 <u>https://www.youtube.com/watch?</u> <u>v=9Ww3sDAlb-8</u>

