



Area for learning	Focus	Activities	Useful Websites/Apps
English 1 <sup>st</sup> Language	<ul> <li>Language Analysis</li> <li>Summary</li> </ul>	Students could refer to any book that they have read recently. They will choose any descriptive paragraph and attempt to write an analysis of the techniques employed by the author and the effect it creates upon the readers. They could further write a summary of the plot outlining the main events of the book	http://www.bbc.com/future/sto ry/20161108-weve-got-human- intelligence-all-wrong http://www.bbc.com/news/he alth-37936514
English 2 <sup>nd</sup> Language	REVISION Article Writing	Read the articles provided in the link. Brainstorm and attempt the following article. 'A higher EQ and not IQ determines your success'.	http://www.bbc.com/future/sto ry/20161108-weve-got-human- intelligence-all-wrong http://www.bbc.com/news/h ealth-37936514
English Literature	Revise	<ul> <li>Refer to the link provided.</li> <li>Read through the poems of Duffy, as it forms your external reading.</li> </ul>	https://www.scottishpoetrylibra ry.org.uk/poem/anne- hathaway/





	To introduce learners to the varied styles of Carol Ann Duffy's writing.	Analyse and compare the themes presented in these poems, to the ones already attempted in class.	
Mathematics (Accelerated)	<ul> <li>Trigonometry</li> <li>Solve simple trigonometric equations for values between 0° and 360°.</li> <li>Construct and interpret histograms with equal and unequal intervals</li> <li>Exponentials and Logarithm</li> <li>Apply laws of logarithm, including change of base of logarithms.</li> <li>Solve complex equations involving</li> </ul>	Research on the application of trigonometry in various fields such as architects, surveyors, astronauts, physicists, engineers and even crime scene investigators. A computer cannot obviously listen to and comprehend music as we do, so computers represent it mathematically by its constituent sound waves. And this means sound engineers need to know at least the basics of trigonometry	https://www.purplemath.com/ modules/solvtrig.htm https://www.tes.com/teaching- resource/additional- maths-igcse-cambridge- full-revision-notes- 11786060 https://www.mathedup.co.uk/k ey-stage-5/pure- maths/core- 2/exponentials-and- logarithms/





	logarithms and exponential.		
Mathematics (Extended)	<ul> <li>Graphs Learning objective:</li> <li>To solve an equation from the graph by drawing required line.</li> <li>To draw the tangent to the curve and estimate the gradient.</li> <li>Vectors</li> <li>To add vectors and multiply a vector by a scalar.</li> <li>To calculate the position vectors</li> </ul>	<ul> <li>Create a lapbook as a learning tool on Vectors and Graphs Practice questions</li> <li><u>http://bestexamhelp.com/exam/cambridge-igcse/mathematics-0580/2020/0580-m20-qp-42.php</u></li> <li><u>https://www.savemyexams.co.uk/cie-igcse-maths-new/past-papers/</u></li> </ul>	https://www.savemyexams.co. uk/igcse/ https://www.youtube.com/wat ch?v=bt-xg3bl3jc https://www.youtube.com/wat ch?v=cptHPWbLxRE https://www.youtube.com/wat ch?v=MohoNL5BuZ8&t=520s https://www.youtube.com/wat ch?v=lyYHsKRC7os&t=16s https://www.youtube.com/wat ch?v=G1JHsFi6cQ https://www.youtube.com/wat ch?v=i0bsXUTbFa8





	To express given vectors in terms of coplanar vectors.		https://www.youtube.com/wat ch?v=qX1t0HNhf2M https://revisionmaths.com/gcse -maths-revision/shape-and- space/vectors
Physics	<ul> <li>Based on Gap analysis</li> <li>Magnetism         <ul> <li>To describe the pattern of the magnetic field due to currents in straight wires and in solenoids.</li> <li>To describe the effect on the magnetic field of changing the magnitude and</li> </ul> </li> </ul>	<ul> <li>Do research on the action of Electric bell</li> <li>Do research on the uses of electro magnets in day to day life.</li> </ul>	<ul> <li><u>https://samlabs.com/us/</u></li> <li><u>www.skool.co.uk</u></li> <li><u>www.lslandphysics.com</u></li> <li><u>www.cie.org.uk</u></li> <li><u>https://www.e4training.c</u></li> <li><u>om/eddy/simulate9.html</u></li> <li><u>www.skool.co.uk</u></li> <li><u>www.lslandphysics.com</u></li> </ul>





	direction of the current.	<ul> <li>Investigate on how the turning effect of a d.c. motor will change if the current flowing through the motor coil is increased.</li> </ul>	<ul> <li>www.cie.org.uk</li> <li>https://www.e4training.c om/eddy/simulate9.html</li> <li>https://interactives.ck12. org/simulations/physics/ ac- transformer/app/index.ht ml</li> </ul>
Chemistry	<ul> <li>Based on Gap analysis</li> <li><u>Chemical energetics</u> <ul> <li>To investigate the energy change in a given reaction</li> <li>To compare exothermic and endothermic reactions.</li> </ul> </li> </ul>	<ul> <li>Design an experiment to determine the energy change for exothermic/endothermic reaction.</li> <li>Create five questions that involve calculating energy change in a reaction.</li> <li>Draw labelled energy profile diagrams for exothermic and endothermic reactions.</li> </ul>	<ul> <li><u>https://www.savemyexa</u> <u>ms.co.uk/notes/igcse-</u> <u>chemistry-cie-new/6-</u> <u>chemical-energetics/6-1-</u> <u>chemical-energetics/6-1-</u> <u>1-energetics-of-a-</u> <u>reaction/</u></li> <li><u>https://igcsechemrevisio</u> <u>n.wordpress.com/section</u> <u>-4/b-energetics/</u></li> </ul>





Biology	<ul> <li>Based on Gap analysis</li> <li><u>Control and coordination</u></li> <li>Correlate the significance of synapse and types of neurotransmitters.</li> <li><u>Biotechnology</u></li> <li>Elaborate the procedres involved in genetic engineering.</li> <li><u>Homeostasis</u></li> <li>Explain dialysis in terms of salt balance, the maintenance of glucose concentration.</li> </ul>	<ul> <li>Create an infographic poster on various sense organs and its role as a receptor of stimulus.</li> <li>Schematically explain ho genetically modified organisms are made.</li> <li>Elaborate on the functioning of dialysis. (Include the important processes involved and the diagrams).</li> </ul>	https://www.bbc.com/bitesize/g uides/ztjrng8/revision/3 https://www.youtube.com/watc h?v=EQu4MSIPVwY www.s- cool.co.uk/gcse/biology/homeos tasis/revise-it/dealing-with- kidney-failure
Food and Nutrition	<ul> <li>Frozen foods</li> <li>Herbs and Spices</li> <li>Left-over Food Convenience food</li> </ul>	<ul> <li>Compare the nutritional information and benefits between Fresh and Frozen food. Note the meals with frozen foods from different countries including UAE.</li> <li>Note the Origin of Herbs and spices and how is the spice trading down in UAE</li> </ul>	<ul> <li><u>https://www.nestle-family.com/en/article/key-keeping-frozen-food-fresh</u></li> <li><u>https://ivaluefood.com/resources/cooking-eating/creative-ways-to-use-leftovers/</u></li> </ul>





		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.	https://www.britannica.co m/topic/list-of-herbs-and-spices- 2024392
Economics	<ul> <li>To analyse why Government impose taxes</li> <li>To evaluate the importance of demand and supply-side policies</li> </ul>	<ul> <li>Revise the topics covered so far from the IGCSE Syllabus.</li> <li>Answer all Paper 1 Questions – Multiple choice questions from the Taxes Unit – Indirect and Direct Taxes from the workbook.</li> <li>Answer all Past paper questions from IGCSE past papers from May/June 2016 – 2020.</li> <li>Answer case studies on the government's demand and supply side policies, Write a note on the importance of supply-side policies to the economy.</li> </ul>	<u>www.wikipedia.org/wiki/Econo</u> <u>mic_growth</u>
Accounting	<ul> <li>To consolidate all the IGCSE Topics covered so far</li> </ul>	<ul> <li>Revise all the topics covered so far in the IGCSE syllabus.</li> <li>Based on the gap analysis complete the un -attempted structured questions from the Pre- Mock examinations.</li> </ul>	www.xtremepapers.com www.dineshbakshi.com www.cie.org.uk





	<ul> <li>To develop independent problem- solving skills</li> </ul>	<ul> <li>Complete all MCQ questions on the topics covered so far.</li> <li>Practice question from past paper 2016 – 2020 (Feb/March and May/June series)</li> </ul>	www.myaccountinglab.com
Business Studies	<ul> <li>To Understand and analyse What motivates employees to work.</li> <li>All the motivation theories.</li> <li>What makes some companies great places to work for.</li> </ul>	<ul> <li>Prepare a report (200 words) on any two from following.</li> <li>Research on how google keeps it employees motivated and how is it one of the best companies to work for.</li> <li>How Kellogs uses all the types of motivational theories to keep its employees motivated.</li> <li>What makes sales force the number one company to work for and what it does for the welfare of its employees.</li> <li>How does Boston consultancy group keep its employees motivated and has a low attrition rate.</li> </ul>	<ul> <li><u>http://fortune.com/best-companies/</u></li> <li><u>https://simplebooklet.com/userFiles/a/4/0/3/8/1/fPtCc8yAAggL9aiw9hXspT/FkwYrwdG.pdf</u></li> <li>https://www.thebalancecareers.com/how-great-managers-motivate-their-employees-1918772</li> <li>Newspapers andMagazines</li> </ul>





Travel and Tourism	<ul> <li>Different time zones and climates.</li> <li>Pricing Strategies</li> </ul>	<ul> <li>Time Zone and climate condition for a particular destination.</li> <li>Explain how the following two factors may affect pricing decisions.</li> </ul>	www.igcsecentre.com Past Papers Local travel Magazines Textbook www.tutor2u.net
Sociology	Topic : Theory and Methods Learning Objective: To analyse the methods used in sociological research and evaluate them referring to practical, ethical and theoretical issues	• Practise IGCSE past Paper 1 Make a comparison of the different approaches, perspectives and alternative sociological perspective	https://papers.xtremepape.rs/C AIE/IGCSE/
Psychology	Topic: Memory	Practice the questions given on the topic mentioned in the Psychology Workbook	Pearsons GCSE Edexel Pyschology Textbook





Geography	Learning Objective: To examine the study of Peterson and Peterson Map Skills	<ul> <li>To investigate various human and physical features using OS maps.</li> <li>To construct cross section and measure distance and bearings using OS maps.</li> </ul>	https://www.slideshare.net/geor gedumitrache399/geography- igcse-map-skills https://www.bbc.co.uk/bitesize/ guides/zg7jk2p/revision/2
History	How effectively did the USA contain the spread of communism?	<ul> <li>Watch the videos and answer the questions below</li> <li><u>https://www.youtube.com/watch?v=bwWW3sbk4EU</u></li> <li>Assess the role of JF Kennedy in the Cuban missile crisis.</li> <li><u>https://www.youtube.com/watch?v=yxaegqvl4aE</u></li> <li>To what extent was USA successful in containing the spread of communism in Korea? Explain your answer.</li> <li><u>https://www.youtube.com/watch?v=exVKd-x5QVc</u></li> <li>How far do you agree that the containment policy was successful in Vietnam? Explain your answer.</li> </ul>	https://igcse- history.weebly.com/how- effectively-did-the-usa-contain-the- spread-of-communism.html https://www.bbc.co.uk/bitesize/gui des/zq9hg82/revision/1





Global	Individual report 0457/02	You have received the feedback for your IR coursework.	Sources chosen by students.
Perspectives		Your coursework needs to be improved. You will achieve	
		this by reviewing the following steps:	
		1. Choose a relevant IR topic from the specified 8 topics for IR	
		2. Write a relevant suitable research question that is debatable	
		but is not too narrow nor too broad.	
		3. Identify the key issue in the research question.	
		4. Create a list of focusing questions to help you research the issues	
		5. Research the issue using reliable sources. Save the links to the sources you have used. Evaluate some of the sources you have used selectively.	
		<ol> <li>Write the report making sure that you analyse and evaluate various perspectives including personal, national and global perspectives; and possible scenarios.</li> </ol>	
		<ol> <li>Suggest and Evaluate the possible courses of action Complete the report with a short reflection and conclusion</li> </ol>	





Environmental	Environmental management	You will investigate the weather of the Jebel Ali region in UAE.	Websites selected by individual
Management	in context	<ul> <li>You will apply the skills required in Paper 2-(EVM in context).</li> <li>1. Write 1 objective for your study</li> <li>2. Write two hypotheses for your study</li> <li>3. Explain the kind of data you will collect to test your hypotheses</li> <li>4. Create a questionnaire of 7 questions that you may use to collect information from the local people about the effect of weather on human activities.</li> <li>5. You decided to visit a local weather station to examine the equipment used to measure and record weather elements. Identify the various equipment you may see and how they are used to measure and record weather elements.</li> </ul>	students for research
ICT	Topic: Document Production Learning Objective:	Microsoft Word for Windows is available stand-alone or as part of the Microsoft Office suite. Word contains rudimentary desktop publishing capabilities and is the most widely used word processing program on the market.	





	• To croate word	Encourage your child to spend time evaluring different	https://www.makeuseof.com/ta
	To create word	Encourage your child to spend time exploring different     features used in Misrosoft word desument	
	document using	features used in Microsoft word document.	g/writing-professional-reports-
	Microsoft Word.	<ul> <li>Discuss with your child about different versions of</li> </ul>	documents/
	Learning Outcome:	Microsoft word and its differences.	
	<ul> <li>Able to create report</li> </ul>	<ul> <li>Motivate your child to spend time in creating a complete</li> </ul>	
	using Microsoft Word.	report about your organization including profit, loss, and	
	Able to create and modify	development graph.	
	existing styles in document.	• Support your child to explore the methods to create	
		different styles in word document and modify existing	
		styles	
		,	
		•	
Computer	Topic:	Operating System is the software responsible for running	https://en.wikipedia.org/wiki/Da
Science	Operating System	programs and providing secure access to the machine's hardware.	ta buffer
Science			
	Learning Objective:	Encourage your child to explore about buffers.	
	Able to explore the	Share with your child different methods how data can be	http://www.linfo.org/buffer.htm
	importance of buffer	backed up and its importance.	<u>1</u>
	in computer memory		
	Learning Outcome:		





	<ul> <li>Students will be able to define buffer.</li> <li>Students will be able to explain how buffering helps in system.</li> </ul>	<ul> <li>Motivate your child to analyze how buffering of video takes place in their system.</li> <li>Discuss with your child about different registers and differentiate it with buffer.</li> </ul>	
Physical Education	Revision	<ul> <li>Revise the chapters 4, 5 and 8 and complete the questions from text book.</li> </ul>	www.teachpe.com www.britishschoolofboston.org www.cie.org.uk www.physicaleducation.co.uk
Art	• AO2, AO3 and AO4	<ul> <li>Students to demonstrate skills in either a representational or a descriptive manner, or in an imaginative and interpretative. The portfolio should evolve thorough investigation and development by responses based on a directly observed starting point or subject, or they may be the candidate's personal response to a theme.</li> </ul>	www.studentartguide.com
French	<ul> <li>To discuss the future</li> <li>To give and seek information about</li> </ul>	LISTENING COMPREHENSION : look and listen then do the online activities : <u>http://apprendre.tv5monde.com/fr/niveaux/a1-debutant?tid=245-education</u>	http://www.francaisfacile.com/corr espondants/google- results.php?q=FUTURE





	preferences for exam preparation and revision To dicuss different types of futher education and careers	<ul> <li>WRITING :Vivre à l'école comme interne ou vivre à la maison?</li> <li>Écrivez un article pour votre magazine scolaire.(130-140 MOTS)</li> <li>Dites où vous habitez pendant l'année scolaire.</li> <li>Quels sont les aspects positifs et négatifs d'être interne.</li> <li>Dites ce que vous avez fait hier soir après les heures de classe.</li> <li>S i vous aviez le choix, voudriez-vous habiter à l'école ou à la maison? Expliquez pourquoi.</li> <li>SPEAKING : prepare an oral presentation on 1 of these topics : <ol> <li>Parle-moi de ta routine au collège.</li> <li>Parle-moi de ton école.</li> <li>Qu'est-ce que tu vas faire comme études l'année prochaine ?</li> </ol> </li> </ul>	http://apprendre.tv5monde.com/ http://nosgustalafrance.blogspot.a e/ http://www.hellomylo.com/Challen ge/French
Arabic (Arabs)	TOPIC: أسلوب الاختصاص Learning objectives: أن يوظف أسلوب الاختصاص أن يعرب أسلوب الاختصاص	يوظف أسلوب الاختصاص يستخرج أسلوب الاختصاص يكتب فقرة باستخدام أسلوب الاختصاص	https://ar.wikipedia.org/wiki/%D8% A3%D8%B3%D9%84%D9%88%D8% A8_%D8%A7%D8%AE%D8%AA%D8 %B5%D8%A7%D8%B5





Islamic	الاعجاز العلمي في القرآن :TOPIC	يحفظ سورة الاحزاب	www.ia.gov.ae/ar/Documents
Education	الكريم	يحرص على اتباع القرآن الكريم	
(Arabs)	Learning objectives: أن يبين المقصود بالاعجاز أن يستنتج دور القرآن الكريم والاعجاز	اكتب بحثًا عن الاعجاز العددي في القرآن في الاسلام اكتب موضوعا الاعجاز الحيواني في القرآن الكريم	





Islamic Education (Non Arabs)	TOPIC: . <b>Reason and Revelation</b>		
	Learning objectives: -Define the relationship between reason and	<ol> <li>Create a video explaining the relationship between reason and revelation.</li> <li>Search and write down the different levels of intellectuals and how they can effect on the right meaning of revelation?</li> </ol>	
	revelation. - Clarify the intellect role - Infer with evidences the universality of Islam.		https://www.youtube.com/watch?v=9 Ww3sDAlb-8





Moral Education	Living a Moderate Life <ul> <li>Recognise and articulate the benefits of living a moderate life, both physically and emotionally and making responsible choices.</li> </ul> Explain and understand the factors that lead to addiction, including the factors that influence people to start using addictive substances or addictive habits.	<ul> <li>Write a short summary of what a balanced diet should include.</li> <li>Discuss the meaning of the saying "An optimist sees the glass as half full, rather than half empty."</li> <li>Give three reasons why having a healthy work-life balance is important in leading a moderate lifestyle.</li> <li>Give two reasons why being positive is an important part of a moderate lifestyle.</li> <li>What are the benefits of living a moderate life?</li> </ul>	https://www.youtube.com/watc h?v=AXWYIEWAeU8 https://www.asam.org/quality- practice/definition-of-addiction
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