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Area for learning	Focus	Activities	Useful Websites/Apps
English 1 st Language	Analysis of Article To analyse article writing elements and development of purpose.	<ul style="list-style-type: none"> Read an article from the links given and analyse: <ol style="list-style-type: none"> 1. Development of ideas 2. Structure 3. Techniques used to highlight the purpose 	https://www.nationalgeographic.com/magazine/article/the-alps-magical-ice-caves-risk-vanishing-in-our-warming-world-feature
	Summary Writing Select and use information for specific purposes	<p>Make short notes on the article's key ideas and develop counter arguments based on it.</p> <p>Convert the short notes in a summary. Remember to use your own words and connectives.</p>	https://www.nationalgeographic.com/travel/article/this-bridge-in-northern-pakistan-is-a-surreal-span
English 2 nd Language	Summary Writing	Summarise any of the short stories you have recently read or the movie that you have watched within 120 words. Remember to use your own words and connectives.	https://www.youtube.com/watch?v=iW_CNFEemRIU



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	To be able to summarize using higher order connectives.		
English Literature (OPTION)	Novel Paper 1 To analyse the effect of narrative elements.	Analyse the following elements in the next chapter of the novel you are currently reading for Paper 1. <ol style="list-style-type: none"> 1. Character development 2. Development in themes 3. Tone 4. Linguistic choices and their impact 5. Use of foreshadowing, flashback or change 6. Sentence construction and its impact 	https://human.libretexts.org/Bookshelves/Literature and Literacy/Writing and Critical Thinking Through Literature (Ringo and Kashyap)/04%3A About Fiction- Short Stories and the Novel/4.05%3A How to Analyze Fiction- Elements of Literature



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Mathematics (Accelerated)	<p>Box and whisker plot</p> <p>To construct box and whisker plot when quartiles are given</p> <p>To read and interpret box and whisker plot</p> <p>Stem and Leaf Diagrams</p> <p>Construct and interpret stem and leaf diagrams</p>	<p>Research on box and whisker plot. Create a box and whisker plot, given quartiles and median.</p> <p>Research on the applications of stem and leaf diagrams. What is the purpose of using this diagram?</p>	<p>https://www.youtube.com/watch?v=z41_PBqYuVg</p> <p>https://www.youtube.com/watch?v=Q2OF86ZUYMs</p> <p>www.mathsisfun.com/data/stem-leaf-plots.html</p> <p>www.bbc.com/bitesize/guides/zqymng8/revision/5</p> <p>www.bbc.com/bitesize/guides/zvybkqt/revision/7</p>
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Mathematics (Extended)	Averages Learning objective: <ul style="list-style-type: none"> To analyse the given data to find the mean median, mode and range for discrete data To analyse the given frequency table and calculate the mean and median from the given grouped frequency table. 	<ul style="list-style-type: none"> Research on the average population by age in UAE Research on the median earnings earned in order the marketers know how well the median marketers works Research on a career in which a person collects and organizes data. Describe how data are collected and organized in that data. Research on the advantages of mean, median and mode. <ul style="list-style-type: none"> Determine the average expenditure on your cell phone and compare with that of your parents. 	https://www.youtube.com/watch?v=I0thRNt5vQk https://www.youtube.com/watch?v=vwMSeqDky3I https://www.youtube.com/watch?v=ETA4AIPfhhg https://www.youtube.com/watch?v=r2Egrl-VEH8 https://www.youtube.com/watch?v=a1-Zg5pGIKo https://www.youtube.com/watch?v=8hyh0Cr4rz4
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Physics	<p>Waves To distinguish between transverse and longitudinal waves.</p> <p>To describe wave motion with the help of wave fronts and represent Reflection and Refraction with wave fronts.</p> <p>To describe Diffraction through a narrow gap.</p> <p><u>Electromagnetic Spectrum</u></p> <p>Analyse the main features of electromagnetic waves and</p>	<p>Research on :</p> <ul style="list-style-type: none"> ❖ Create a list of questions you would like to ask your teacher. Frame higher order questions using bloom's taxonomy. ❖ Real life applications of Diffraction 	<p>http://www.bbc.co.uk/schools/gcsebitesize/science/ocr_gateway/home_energy/introduction_to_wavesrev6.shtml</p> <p>https://www.youtube.com/watch?v=7cDAYFTXq3E</p> <p>http://scienceprojectideasforkids.com/2010/sound-pitch-loudness/</p>
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	describe the roles of the different types of EM waves.		
Chemistry	<ul style="list-style-type: none"> To understand the concept underlying the arrangement of elements in the periodic table and explain the trends. Describe the general physical and chemical properties of metals. Describe the transition elements as metals that: (a) have high 	<p>Activity 1: Describe the relationship between group no., no. of valency electrons</p> <p>Activity 3: Students will draw an infographic poster on the different types of reactions along with examples and their explanation</p>	<p>https://www.savemyexams.co.uk/notes/igcse-chemistry-cie-new/9-the-periodic-table/9-2-group-element-properties/9-2-2-transition-elements/</p> <p>https://www.youtube.com/watch?v=m0Uj7mSC6HU</p>

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	<p>densities (b) have high melting points (c) form coloured compounds (d) often act as catalysts as elements and in compounds</p> <ul style="list-style-type: none"> Describe transition elements as having ions with variable oxidation numbers, including iron(II) and iron(III) 		
Biology	<p>Plant Nutrition:</p> <ul style="list-style-type: none"> To explain how the structure of the leaf is adapted for photosynthesis. 	<ul style="list-style-type: none"> Encourage the students to Investigate the different types of leaves and pigments present in a leaf using simple experiments that can be conducted at home. 	<ul style="list-style-type: none"> http://www.biotopics.co.uk/plants/psfac2.html http://www.encyclopedia.com/plants-and-

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	<ul style="list-style-type: none"> To investigate the necessity for chlorophyll, light and carbon dioxide for photosynthesis, using appropriate controls. Describe the importance of: <ul style="list-style-type: none"> - Nitrate ions for making amino acids - Magnesium ions for making chlorophyll. 	<ul style="list-style-type: none"> Motivate the students to design a poster to find out how are leaves designed to increase photosynthesis and Research on what do plants do with the glucose made by them. Design a poster displaying how each limiting factor can affect the rate of photosynthesis. Motivate your child to go for a walk along with you & identify the plants for any diseases & record the details. 	<p>animals/botany/botany-general/chlorophyll</p> <ul style="list-style-type: none"> http://www.webexhibits.org/causesofcolor/7A.html http://study.com/academy/lesson/how-chlorophyll-absorbs-light-energy.html
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Food and Nutrition	<p>An understanding of the terms used in nutrition and nutrition-related problems.</p> <p>Composition and value of the main foods in the diet- Sources of vitamins and mineral and fat (fruits and vegetables, nuts; fats and oils.</p>	Determine the top benefits of Fats and Oils and Fruits and Vegetables in relation with health stating scientific reasons.	https://www.eatforhealth.gov.au/food-essentials/five-food-groups https://www.hsph.harvard.edu/nutritionsource/what-should-you-eat/vegetables-and-fruits/ https://www.betterhealth.vic.gov.au/health/healthyliving/fats-and-oils
Economics	<ul style="list-style-type: none"> To differentiate the function of commercial banks and central bank 	Task 1 - Learners may visit a branch of a commercial bank or, can visit the website of a commercial bank, and research about the activities of the bank. Produce summary posters illustrating the	https://www.centralbank.ae/en/



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	<ul style="list-style-type: none"> To know the various facilities are provided the commercial bank and know the different charges and the interest rate. 	<p>ways in which individuals/households and producers use commercial banks.</p> <p>Task 2 - Carry out research on central bank of your country. Prepare a presentation summarising the findings. Central bank websites usually provide a great deal of relevant information.</p> <p>Prepare a chart which clearly compares and contrasts the different functions and roles of both commercial banks and the central bank in an economy.</p>	<p>https://www.investopedia.com/articles/03/050703.asp</p> <p>https://www.geeksforgeeks.org/difference-between-commercial-bank-and-central-bank/</p> <p>https://corporatefinanceinstitute.com/resources/commercial-lending/commercial-bank/</p>
Accounting	<ul style="list-style-type: none"> To analyse and evaluate the purpose of preparing financial statements. 	<p>Prepare a Poster on below</p> <p>Create a trading statement and profit and loss account of a pen manufacturing firm.</p> <ul style="list-style-type: none"> Mention at least 20 entries including 	<ul style="list-style-type: none"> http://showmyupdates.blogspot.ae/2014/12/trading-profit-loss-ac-and-balance-sheet 28.html

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		<ul style="list-style-type: none"> ➤ Sales ➤ Sales Returns ➤ Purchases ➤ Purchase Return ➤ Credit Sales ➤ Credit Purchases ➤ Cash Entry ➤ Stationary entry ➤ Postage entry ➤ Bank entry <p>Etc</p> <ul style="list-style-type: none"> • Now make the books of prime entry for your business • Mention the business documents used by the company 	<ul style="list-style-type: none"> • https://www.youtube.com/watch?v=T-imJYUi_ug • http://www.moneycontrol.com/india/financials/tatamotors/profit-loss/TM03 • http://www.investopedia.com/terms/p/plstatement.asp • https://en.wikibooks.org/wiki/Accountancy/Books_of_Prime_Entry • http://kfknowledgebank.kaplan.co.uk/KFKB/Wiki%20Pages/Books%20of%20Prime%20Entry.asp
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Business Studies	<ul style="list-style-type: none"> To Know the processes involved in recruitment planning To prepare documentation involved in the selection and recruitment process 	<ul style="list-style-type: none"> Identify the external and internal plan of recruitment. Prepare the documents used in selection and recruitment activities <p>Evaluate the usefulness of the documents in the interview pack for a given organisation, in facilitating the interview process</p>	<p> Recruitment and Selection Process in HRM - Business Study Notes </p> <p> Recruitment & Selection - Overview Business tutor2u </p> <p> The recruitment process - Recruitment and selection - National 5 Business management Revision - BBC Bitesize </p>
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Travel and Tourism	<ul style="list-style-type: none"> To analyse the positive and negative impact of tourism on a destination 	<ul style="list-style-type: none"> Research a destination of your choice and write a report on Impact of tourism on that destination 	https://prezi.com/czg3k59g-d4r/positives-and-negatives-of-tourism-in-ledcs-and-medcs/ https://gbsge.com/en/news/newsroom/newsroom/two-sides-tourism-positive-negative-impacts-economy/
Sociology	To examine the changes affecting the family.	Research in what ways were extended families suited to life in pre modern societies according to Talcott Parson.	IGCSE SOCIOLOGY Coursebook.
Psychology	Study: Peterson and Peterson (1959) <ul style="list-style-type: none"> to examine the study of Peterson and Peterson 	<ul style="list-style-type: none"> Identify ways to make traditional memory experiments more realistic, e.g. make a shopping list of things they may need to buy/acquire when setting up a new flat for themselves. Create mind maps on the theories. Identify their applications and usefulness. 	IGCSE PSYCHOLOGY Coursebook. https://www.simplypsychology.org/peterson-peterson.html



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	<ul style="list-style-type: none"> will be able to analyse the procedure, results and conclusion of Peterson and Peterson. <p>Bartlett's War of the Ghosts (1932) and Reductionism and holism</p>	<ul style="list-style-type: none"> Research the original study. Identify the applications and usefulness of the concept. The usefulness of both reductionism and holism in understanding complex ideas and behaviour. List the different schools in the region that offer Learning circles. Research and presentation on a specified topic. Suitable examples from material already covered in the course would be conservation or the stages of memory. Evaluation of the theory based on strength and weaknesses. Analyse the theory through holism and reductionism perspective 	<p>https://ludinhpsychology.weebly.com/uploads/3/8/7/4/38741495/bartlett_1932.pdf</p> <p>For Reductionism and Holism- IGCSE Psychology Coursebook</p>
Geography	Earthquakes and Volcanoes	<p>Investigate the topic under the following pointers and create Revision flashcards that you would use:</p> <ul style="list-style-type: none"> Features of earthquakes and volcanoes Types of volcanoes 	<p>https://education.nationalgeographic.org/resource/plate-tectonics-volcanic-activity/</p>



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		<ul style="list-style-type: none"> • Distribution of earthquakes and volcanoes-where they occur • Causes of earthquakes and volcanic eruptions • Effects of earthquakes and volcanic eruptions on people and environment 	https://ugc.berkeley.edu/background-content/plate-tectonics/ https://www.youtube.com/watch?v=r_nFT2m-Vg
History	LEAGUE OF NATIONS: To what extent was the League of Nations (LON) a success?	<ul style="list-style-type: none"> • Assess the role of the League in the crises of 1930s. • Compare and contrast the consequences of each incident for the League and its impact on future actions by Germany. • Create a comparative tabular summary sheet of both the crises with focus on the causes of the crisis, the reaction of the League and the consequences for the League and on Germany; complete a Paper 1-style question on how 	1. Textbook; 2. A focused video on the League's failures in the 1930s: https://www.youtube.com/watch?v=U5j0hgi7bug 3. https://www.youtube.com/watch?v=JnwwCNGsWv0

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		far the League failed because of its actions in Manchuria or Abyssinia.	
Environmental Management	To analyse the sustainable development goals SDG 1,2,3,12,13,19, 20 and link to sustainable agriculture.	<ul style="list-style-type: none"> Write a report on the strategies for sustainable agriculture. 	https://sdgs.un.org/goals EVM Textbook
ICT	<p><u>LESSON OBJECTIVE</u></p> <ul style="list-style-type: none"> To create spreadsheets using MS EXCEL, and explore entering formulas, sort data and format cells <p><u>LESSON OUTCOME</u></p> <ul style="list-style-type: none"> Will be able to create spreadsheet using 	<p>Encourage your child to:</p> <ul style="list-style-type: none"> Create the layout for spreadsheet data model Use relevant Lookup functions Enter formulae and simple function in spreadsheets Manipulate the data Test the data model Sort the data model Change the display and the format of cells Change the size of row and column 	https://www.youtube.com/watch https://www.udemy.com/excel_quickstart/

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	MS EXCEL, use formulas and try test data in the model.	<ul style="list-style-type: none"> Adjust the page orientation 	
Computer Science	<p>Learning Objective</p> <ul style="list-style-type: none"> To analyze the differences between Loops and conditional statements using pseudocode and algorithms <p>Learning Outcome</p> <ul style="list-style-type: none"> To be able to differentiate the loops and conditional statements 	<p>Encourage your child to:</p> <p>Different types of loops For to next Repeat-Until While</p> <p>Different types of Conditional statements If- then Else Nested If Case of Otherwise</p>	<p>https://youtu.be/TshznmgmCGA?si=b0MpBe6l8u828lfU</p> <p>https://youtu.be/ycSStigxZqY?si=ZTN-pt0YPe9OImGa</p>

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Physical Education	<p>To understand the different parts of respiratory system.</p> <p>To understand the structure and functions of respiratory system.</p>	<ul style="list-style-type: none">Draw a diagram of respiratory system and label it. <p>Complete the table below</p> <table><tr><th>Part of respiratory system</th><th>Structure</th><th>Function</th></tr><tr><td>Lung</td><td></td><td></td></tr><tr><td>Alveoli</td><td></td><td></td></tr><tr><td>Diaphragm</td><td></td><td></td></tr><tr><td>bronchi</td><td></td><td></td></tr><tr><td>epiglottis</td><td></td><td></td></tr><tr><td>Larynx</td><td></td><td></td></tr></table>	Part of respiratory system	Structure	Function	Lung			Alveoli			Diaphragm			bronchi			epiglottis			Larynx			<p>www.teachpe.com</p> <p>www.britishschoolofboston.org</p> <p>www.cie.org.uk</p> <p>www.physicaleducation.co.uk</p>
Part of respiratory system	Structure	Function																						
Lung																								
Alveoli																								
Diaphragm																								
bronchi																								
epiglottis																								
Larynx																								
Art	<p>AO2: Analyse and evaluate images, objects and artefacts, making informed connections with the work</p>	<p>To focus on the genre of still life reflecting on the different key areas of a good composition. Making connections with, and referring to, the work of artists/painters will support you in the development of your own ideas and understanding.</p>	<p>www.studentartguide.com</p>																					
French	<p><i>Ma journée à l'école</i></p> <p><i>Mon école</i></p>	<p><u>Writing:</u></p>	<p>https://papers.gceguide.com/Cambridge%20IGCSE/French%20-</p>																					

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	<p>Les repas La nourriture d'ici et d'ailleurs Les verbes pronminaux Les prépositions de lieux Les articles partitifs</p>	<p>Students are requested to make a blog/email to describe their schools/ your journey in school, also to identify the different types of food, the ideal dish (healthy), and to compare different kitchens.</p> <p>Speaking: Students are requested to make a blog/email to describe their schools/ your journey in school, also to identify the different types of food, the ideal dish (healthy), and to compare different kitchens.</p> <p>Listening: Different AFL opportunities to assess the understanding of the above topics using listening platforms. https://papers.gcguide.com/Cambridge%20IGCSE/French%20-%20Foreign%20Language%20(0520)/2022/</p> <p>Speaking: Different AFL opportunities to assess the understanding of the above topics using speaking platforms. https://papers.gcguide.com/Cambridge%20IGCSE/French%20-%20Foreign%20Language%20(0520)/2022/ a</p>	<p>%20Foreign%20Language%20(0520)/2022/ https://byjus.com/question-answer/de-crivez-votre-e-cole/ https://www.iisspiolatorre.edu.it/attachments/article/333/2A-Les%20repas%20en%20France.p df https://www.francaisavec pierre.com/article-partitif/ https://vivelefle.jimdofree.com/d%C3%A9butant-a1/grammaire-a1/les-pr%C3%A9positions-de-lieu-au-%C3%A0-la-dans-sur/</p>
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Arabic (Arabs)	<p>TOPIC:</p> <p>(قصة قصيرة (بقعة زيت</p> <p>Learning objectives:</p> <p>أن يحلل خط تصاعد الأحداث في القصة</p> <p>أن يحلل تقنيات الكتابة</p> <p>أن يصف الصراع بين الشخصيات</p>	<p>يحلل العناصر الفنية في القصة</p> <p>يدلل على تقنيات الكتابة الواردة في القصة</p> <p>يعيد صياغة القصة بإضافة شخصية جديدة أو تقنية جديدة</p> <p>يرسم خط تصاعد الأحداث من البداية حتى النهاية</p> <p>يصف ملامح الشخصيات الداخلية والخارجية</p>	<p>https://www.youtube.com/watch?v=JuZ3iLSCppg</p>
Arabic (Non-Arabs)	<p>القصة القصيرة</p> <p>الاستفهام الأفعال</p> <p>الأهداف:</p>	<p>The students can create short stories of their own.</p> <p>The students can analyze the parts of any reading story.</p>	<p>https://www.youtube.com/watch?v=wCwMOxEfUJg</p>

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	<p>أن يحلل التلميذ عناصر القصة القصّة فنيّا أن ينشئ التلميذ قصة قصيرة من إبداعه أن ينشئ التلميذ حواراً من إبداعه</p>	<p>The students can make mind maps of effective questioning tools. The students can create dialogues and conversations of their own.</p>	<p>https://www.youtube.com/watch?v=z-n0va3SYOw https://www.youtube.com/watch?v=Nu4KMbeiqC4 https://www.youtube.com/watch?v=ZA0fn1a7VUg</p>
<p>Islamic Education (Arabs)</p>	<p>الوقف نماء وعطاء Learning objectives: . أن يعدد أنواع الوقف . أن يحدد شروط الوقف TOPIC: التنمية البشرية في الإسلام Learning objectives:</p>	<p>البحث عن صور الوقف في الإسلام الاستشهاد على الوقف بأدلة من القرآن الكريم والسنة النبوية</p>	<p>شروط الوقف وأركانه وألفاظه - سلسلة YouTube - فقه الأوقاف (4)</p>



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	<p>أن يحدد علاقة التنمية البشرية بالسيرة النبوية</p> <p>أن يشرح كيفية الاستفادة من التنمية البشرية في ضمان التنمية المستدامة</p>	<p>البحث عن الأدلة من السيرة النبوية التي تدل على التنمية البشرية</p> <p>التخطيط لمشروع التنمية المستدامة في قطاع التعليم</p>	<p>- خصائص التنمية البشرية في الاسلام</p> <p>(mosoah.com) موسوعة</p>
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<p>Islamic Education (Non Arabs)</p>	<p>TOPIC: 1. <u>Stages of collection the Quran</u></p> <p>Learning objectives:- to explain the stages of collecting AL Quran.</p> <p>-To evaluate the efforts of Abu Bakr As Siddiq in serving AL Quran to those of Uthman R.A.</p>	<p>1. Write an essay or a journal report about Miracles in Al Quran Al Kareem.</p> <p>Write an essay to a friend convincing him why Muslims believe that Al Quran is not changed unlike previous book</p>	<p>https://www.youtube.com/watch?v=DV9LkcyDOgs&pp=ygUfdGhIIHN0YWdlcyBvZiBjb2xsZWNOaW5nIFF1cidhbg%3D%3D</p> <p>https://quranschooling.com/stages-of-compilation-of-quran/</p>
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Moral Education	<p>Local Governments Across the UAE</p> <p>Evaluate the relationship between the federal government of the UAE and the local system of government with which they are most familiar.</p>	<p>Answer the following questions below:</p> <ul style="list-style-type: none"> • What is the purpose of the executive council? • What are the advantages of giving each emirate a level of autonomy? • Can you find out if there are any initiatives or programmes that the local government in the emirate has implemented recently? 	<p>https://u.ae/en/about-the-uae/the-uae-government/the-local-governments-of-the-seven-emirates</p>
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