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Area for learning	Focus	Activities	Useful Websites/Apps
English 1st Language	<ul style="list-style-type: none"> • To employ persuasive techniques while writing a speech. • To identify the audience links and formal language employed in a speech. 	<ul style="list-style-type: none"> • Analyse the speech provided in the link. • Research and discuss about the speaker in the given link with your child. • Share what makes the speech so motivating and persuasive 	https://www.commonlit.org/en/texts/excerpt-from-on-drought-conditions
English 2nd Language	<ul style="list-style-type: none"> • To enhance formal sentence structures. • To embed the form and structure of an article. 	<ul style="list-style-type: none"> • Read all the articles provided in the links. • Discuss the content of the article and the extent to which you agree or disagree with the same. • Identify formal sentence structures in the article and with your child 	https://www.khaleejtimes.com/editorials-columns/dont-let-worries-worry-you-work-with-them



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		<p>change the sentences to informal sentences.</p> <ul style="list-style-type: none"> Identify and annotate different aspects of the articles for a better understanding of structure and form of the same. 	<p>https://www.khaleeetimes.com/editorials-columns/remember-all-millennials-are-not-narcissists</p>
English Literature	<ul style="list-style-type: none"> To introduce learners to the art of satire and re-telling of narratives. 	<ul style="list-style-type: none"> Visit the link provided and read the poems composed by Roald Dahl. Through a Venn diagram, compare and contrast the original texts to the re-telling of the same. Attempt a similar task using a fairy tale of your choice. 	<p>https://www.poemhunter.com/i/ebooks/pdf/roald_dahl_2004_9.pdf</p>
Mathematics (Extended)	<p>Nets Learning objectives:</p>	<p>Research on the need for nets.</p> <p>*Research on how would you calculate the area of any given net.</p>	<p>https://www.savemyexams.com/igcse/maths core/cie/23/revision-notes/geometry/geometr</p>

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	<ul style="list-style-type: none"> To draw interpret and use nets of cubes, cuboids, prisms and pyramids. To use measurements from nets to calculate volumes and surface areas. <p>Constructions Learning objectives:</p> <ul style="list-style-type: none"> To construct a triangle given the lengths of all sides, using a ruler and pair of compasses only. To construct a rhombus by drawing two triangles. Construction arcs must be shown. 	<p>*What is the importance of the pattern in which the faces are arranged to form a net.</p> <p>*Research on the different arrangements of the square faces that will form the net of a cube.</p> <p>* Research on why triangles are important for constructions.</p> <p>*How are triangles and quadrilaterals used in real life?</p>	<p>y-toolkit/properties-of-3d-shapes/ https://corbettmaths.com/wp-content/uploads/2023/01/Nets.pdf</p> <p>https://notes.papacambriidge.com/viewer/caie/cambridge-igcse-mathematics-0580-topical-notes-nets-and-surface-areas-pdf#google_vignette</p> <p>https://www.bbc.co.uk/bitesize/guides/zyrhv9q/revision/5</p>
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	<p>Graphical Inequalities</p> <p>Learning objectives:</p> <ul style="list-style-type: none"> To represent and interpret inequalities in two variables graphically. To list inequalities that define a given region. 	<p>*Research on the purpose of graphing inequalities</p> <p>*Research on how graphing systems of linear inequalities are used in real life.</p>	<p>https://byjus.com/maths/construction-of-rhombus/</p> <p>https://collegedunia.com/exams/construction-of-rhombus-mathematics-articleid-3891</p> <p>https://www.savemyexams.com/igcse/maths/extended/cie/23/revision-notes/2-algebra-and-graphs/2-16-solving-and-graphing-inequalities/2-16-1-graphical-inequalities/</p>
<p>Statistics</p>	<p>Topic: Probability</p> <p>Learning Objective:</p>	<p>Probability</p> <p>Students will solve application-based question on tree diagrams, mutually</p>	<p>https://www.mathsgenie.co.uk/statistics.html</p>



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	<p>To explore the difference between Experimental and Theoretical probability and solve questions using tree diagrams, conditional probability rule</p>	<p>exclusive and exhaustive events, addition rule, conditional probability</p> <p>Extension work at: https://thirdspacelearning.com/gcse-maths/probability/experimental-probability/</p> <p>For more Examples: https://tinyurl.com/yc4znhs2</p>	<p>https://www.toppr.com/guides/quantitative-aptitude/probability/probability-practice-questions/</p> <p>https://www.math-only-math.com/probability-questions-answers.html</p>
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<p>Physics</p>	<p><u>Space Physics</u></p> <ul style="list-style-type: none"> • <u>Redshif and CMBR</u> Describe redshift as an increase in the observed wavelength ofelectromagnetic radiation emitted from receding stars and galaxies 3 Know that the light emitted from distant galaxies appears redshifted in comparison with light emitted on the Earth 4 Know that redshift in the light from distant galaxies is evidence that the Universe is expanding and supports the Big Bang Theory 	<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. <p>Research on:</p> <ul style="list-style-type: none"> ❖ Universe and that this is evidence for the idea that all the matter in the Universe was present at a single point. ❖ Explain that the CMBR was produced shortly after the Universe was formed and that this radiation has been expanded into the microwave region of the electromagnetic 	<p>Solar system https://edpuzzle.com/media/66260cfc6d1f1385dbf86082</p> <p>CMBR https://edpuzzle.com/media/659b97ae5d59f7f187cd20e1</p> <p>Red shift https://edpuzzle.com/media/657a0d5d93de1841a1f4d3df</p>
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<p>Chemistry</p>	<p>Topics: Fractional Distillation:</p> <ul style="list-style-type: none"> To outline the process fractional distillation and mention the uses of their fractions <p>Alkanes: To outline the physical and chemical properties of alkanes.</p>	<ul style="list-style-type: none"> Research on how fractional distillation is done for crude oil and list the uses of each fractions. Create any 10-quiz questions to describe the physical and chemical properties of alkanes. Design and present an infographic poster using CANAVA / Glogster to explain the chemical reactions of alkanes. Research on the reactivity of alkanes with alkenes. 	<p>https://www.bbc.com/bitesize/guides/zshvw6f/revision/3</p> <p>https://www.youtube.com/watch?v=ykIFtTjoso</p> <p>https://www.youtube.com/watch?v=F8J2Firblxg</p> <p>https://www.youtube.com/watch?v=CjmriZq5xRo</p>
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<p>Biology</p>	<p><u>Energy flow:</u></p> <ul style="list-style-type: none"> • To describe the flow of energy through living organisms including light energy (sun) and chemical energy and transfer of this energy to the environment. • To explain the inefficiency of energy transfer between the trophic levels • To describe and interpret different ecological pyramids. • To describe different nutrient cycles and to know their importance. • To identify and explain the factors affecting the growth curves. 	<ul style="list-style-type: none"> • Consider the local environment and motivate students to create an energy flow diagram. ➤ Create a poster describing the transfer of energy in different trophic levels. ➤ Encourage the students to create a jigsaw puzzle on ecological pyramids ➤ Encourage students to use simulations to learn more about the growth curves and limiting factors. 	<ul style="list-style-type: none"> ➤ https://www.khanacademy.org/science/biology/ecology ➤ http://www.bbc.co.uk/schools/gcsebit/size/science/add_gateway_pre_2011/greenworld/energyflowrev2.shtml ➤ http://www.ck12.org/earth-science/Flow-of-Energy-in-Ecosystems/lesson/Flow-of-Energy-in-Ecosystems-HS-ES/ ➤ https://www.biologycorner.com/lesson-plans/ecology/
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	<ul style="list-style-type: none"> To interpret graphs and diagrams of human population growth. 	<ul style="list-style-type: none"> ➤ Consider the real-life examples to interpret graphs and diagrams of human population growth. 	<ul style="list-style-type: none"> ➤ http://content.teachingengineering.org/content/mis/activities/mis_population/mis_population_activity1_worksheet_v2_ccs_tedl.pdf
Food and Nutrition	<p><u>Cooking of food</u></p> <p>1. Principles involved in the different methods of cooking – baking, boiling, braising, cooking in a microwave oven, frying, grilling, poaching, pressure cooking, roasting, simmering, steaming, stewing, use of a slow cooker.</p>	<p><u>How Cooking Affects the Nutrient Content of Foods</u></p> <ol style="list-style-type: none"> Use different visual aids to show how water, light and air affect nutrients Cut out pictures of cooked foods from magazines and sort into groups of cooked and raw. Paste them onto card and design a game, (eg, like snap or happy families) matching the raw and cooked foods. 	<p>http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/Food_processing_and_nutrition 'Food processing and nutrition'.</p> <p>http://www.choice.com.au/reviews-and-tests/food-and-health/food-and-drink/nutrition/are-fresh-</p>



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	<p>2. Reasons for cooking food.</p>	<p>3. Since fire was discovered, people have been cooking. Find out how fire was discovered and how it changed the way people prepared food.</p> <p>3. Design an experiment to see what happens to an egg when heat is applied.</p> <p>Adapt the <u>chocolate cake recipe</u> to make something different.</p>	<p>vegies-better.aspx Are fresh veggies better?</p>
<p>Economics</p>	<p>Learning objectives:</p> <p>To apply the measurement of inflation and deflation using the Consumer Prices Index (CPI). To analyse the causes of inflation: demand-pull and cost-push.</p>	<p>Following areas to practice:</p> <ul style="list-style-type: none"> ● Using numerical exercises to practice calculating price indices. ● To explore how the Consumer Price Index is used to calculate the rate of inflation. 	<p>https://www.tutor2u.net/economics/topics/consumer-price-index-cpi http://www.bbc.co.uk/news/business-22523612</p>

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	<p>To analyse the causes of deflation: demand-side and supply-side. To discuss the consequences of inflation and deflation for consumers, workers, savers, lenders, firms and the economy as a whole.</p>	<ul style="list-style-type: none"> • Research how a country's consumer price index is calculated. Take into consideration how weights differ between countries and over time and also how accurately a consumer price index measures inflation. • Research on how different groups, e.g. the retired, the government, exporters, savers, borrowers, members of trade unions and workers with weak bargaining power are affected by inflation and deflation. 	
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Accounting	Journal entries and correction of errors	<ul style="list-style-type: none">• Research and list the different types of transactions that require journal entries in accounting.• For each type of transaction, provide an example and explain how the journal entry is recorded, including which accounts are debited and credited.• Research and list common errors that may occur in journal entries.• For each type of error, provide an example and explain how the error can be corrected, including the journal entry needed for correction.• Prepare suspense account• Explain the effect on the profit and statement of financial	https://www.dineshbakshi.com/igcse-accounting/verification-of-accounting-records https://www.accountancylearning.co.uk/how-to-correct-accounting-errors-using-journals/
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		position due to correcting the errors.	
Business Studies	Production of goods and services	<ul style="list-style-type: none"> • Research on possible benefits of increasing efficiency and how to increase it in production process. • Using the case study of Toyota to understand lean production and waste elimination • Presenting a research work on lean production and how to achieve it. • Prepare a table or mind map of the benefits and limitation of each method - just-in-time, kaizen and cell production - 	<p><u>How Toyota Changed The Way We Make Things Blog Business tutor2u</u></p> <p><u>https://www.tutor2u.net/business/reference/production-efficiency</u></p> <p><u>https://www.processexcellencenetwork.com/lean-six-sigma-business-performance/articles/why-does-your-business-need-lean</u></p>



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		<ul style="list-style-type: none"> Explain the importance managing resources effectively to produce goods and services. 	
Travel and Tourism	Travel & Tourism Products and Services	<ul style="list-style-type: none"> Research and make a chart of popular tourist destinations in UAE. Make a list of travel agencies and tourism service providers in Dubai. Also prepare a power point presentation on Emirates Airlines and their holiday packages. 	https://www.emiratesholidays.com/ae_en/ https://www.drivenproperties.com/blog/best-travel-agencies-in-dubai https://www.moec.gov.ae/en/tourist-attractions?delta=40
Sociology	Crime, Deviance and Social Control- Differentiate between Crime and Deviance and how they vary between societies and across time	<ul style="list-style-type: none"> Research, read and write how certain acts of deviance will be positively sanctioned and others negatively sanctioned 	Cambridge IGCSE Sociology Coursebook – Jonathan Blundell



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<p>Psychology</p>	<p>Social Influence- Bystander behaviour and factors affecting it.</p>	<ul style="list-style-type: none"> • Research the work of Latane and Darley and the case of Kitty Genovese. • Find commonalties between the two and prepare a report on that. • Research on recent/old crime cases where Bystander effect was a major point being observed. • Prepare a presentation of recent/old crime cases where Bystander effect played a major role 	<p>Links to help with tasks given</p> <p>https://www.psychologytoday.com/us/basics/bystander-effect</p> <p>https://www.verywellmind.com/the-bystander-effect-2795899</p> <p>https://www.simplypsychology.org/kitty-genovese.html</p> <p>https://www.apa.org/gradpsych/2012/09/tall-tales</p>
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Geography	Map skills	<p>Use the resources given or any other useful source you may find to learn and practice the following skills in the topic:</p> <ul style="list-style-type: none"> • Grid references • Measurement of distance on a map • Direction and bearing • Using contours to describe relief • Drawing a cross section • Describing settlement features 	<p>Cambridge IGCSE and O Level Geography, 3rd Edition Pages 266-279</p> <p>https://www.ordnancesurvey.co.uk/mapzone/map-skills</p> <p>https://education.nationalgeographic.org/resource/map-skills-for-students/</p> <p>https://www.bbc.co.uk/bitesize/guides/z8cgsrd/revision/2</p> <p>https://www.geographypods.com/map-skills.html</p>
History	What was the impact of Stalin's economic policies? - Introduction of five years' plans	Discuss, data/graph interpretation, tabular representation of the main features of each of the three Five-Year Plans including facts and figures.	<p>1. Textbook</p> <p>2. Five-Year Plans sources and information:</p>

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		<p>Discuss, analysis of the data of production in industry and agriculture from 1928–41, create charts or graphs to show the fluctuations and analyse their results, compare them to targets set by the Soviet government.</p> <p>To what extent the five years' plans were introduced to consolidate Stalin's control over USSR?</p>	<p>www.johndclare.net/Russ11.htm</p> <p>3. Useful timeline and sources on collectivisation: www.johndclare.net/Russ10.htm</p> <p>4. Soviet posters/propaganda: www.iisg.nl/exhibitions/chairman/sovintro.php</p>
Environmental Management	<p><u>Water and its management</u> <u>Clean Water For All</u> Learning goals:</p> <ul style="list-style-type: none"> • Define water pollution • State or outline some of the causes of water pollution 	<p>"Worldwide there are many people who don't have access to clean water. There are a number of reasons for this, water pollution is just one reason."</p> <ul style="list-style-type: none"> • What you need: A World Map. • What to do: Mark, label the world map and explain that the map 	<p>http://eschooltoday.com/pollution/water-pollution/what-is-water-pollution.html</p>



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	<ul style="list-style-type: none">Describe the global inequality of access to clean water.	<p>shows where in the world people have easy access to clean water.</p> <p>- Answer the following guided questions (and mark the countries on the world map):</p> <ol style="list-style-type: none">Where is your country? Does it have good access to clean water?Where are the countries with good access to clean water? Use continent names and compass directions in your answer.Where are the countries with less access to clean water? Use continent names and compass directions in your answer.How equal is access to clean water around the world? Is it the same for everyone?What is water pollution?	<p>http://www.water-pollution.org.uk/</p> <p>http://water.epa.gov/learn/kids/drinkingwater/kids_4-8.cfm</p> <p>http://water.epa.gov/learn/kids/drinkingwater/teachers_4-8.cfm</p> <p>http://www.epa.gov/safewater/kids/flash/flashfiltration.html</p> <p>http://www.education.com/science-</p>
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		6. Outline the causes of water pollution.	http://eschooltoday.com/fair/article/water-purification-filtration/pollution/water-pollution/what-is-water-pollution.html
ICT	<p>Topic</p> <p>EXCEL functions</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> To create spreadsheets using MS EXCEL, and explore entering formulas, sort data and format cells 	<p>Encourage your child to solve the past papers uploaded on phoenix on the following :</p> <ul style="list-style-type: none"> Difference between the different types of LOOKUP functions 	https://www.igcseict.info/practical/spread/index.html



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	<ul style="list-style-type: none"> To present the data in formatted form, as a properly laid out spreadsheet 	<ul style="list-style-type: none"> How to use data validation in a spreadsheet Present data <ul style="list-style-type: none"> Enhance data Format cells Adjust rows and columns 	
Computer Science	<p>Objective:</p> <ul style="list-style-type: none"> To analyze different types of sensors with real life scenario To create SQL queries for a given database <p>Outcome</p> <ul style="list-style-type: none"> Will be able to identify the sensors and its functions with the real world applications Will be able to create queries for a given data 	<p>Identification of sensors and its functions</p> <p>Uses of sensors in multiple areas and explains the working principle with ADC and DAC conversions</p> <p>Create queries and predict output for a given database</p> <p>Identify the data types from a given table</p>	<p><u>Sensors IGCSE Computer Science Learnlearn.uk</u></p> <p><u>SELECT...FROM...statement - Implementation - Higher Computing Science Revision - BBC Bitesize</u></p>

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Physical Education	Research about the benefits of guidance & Feedback.	The students are requested to create a presentation or poster about how effective the guidance & feedback was and the impact that it has on the performer.	www.teachpe.com www.cie.org.uk
Art	To record from direct observation and personal experience in an imaginative, creative and personal response.	Experimentation with a range of media, materials and techniques and exploration of manipulative skills necessary to form and compose an original work.	www.studentartguide.com
French	<ul style="list-style-type: none"> • Tu veux sortir • Mes loisirs • Je vais au restaurant • J'aime manger Italian • Le superlatif • Les expressions de quantité 	<p>Writing: Student is requested to make a blog about your plan to go out with your family/ friends for a dinner/party or just concert.</p> <p>Speaking: Student is requested to make a conversation about your plan to go out with your family/ friends for a dinner/party or just concert.</p>	<p>https://la-conjugaison.nouvelobs.com/regles/grammaire/le-superlatif-141.php https://français.lingolia.com/fr/grammaire/les-adjectifs/le-comparatif-et-le-superlatif</p>

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		<p>Reading: Structured reading tasks on the mentioned topics.</p> <p>Listening: Structured listening tasks on the mentioned topics.</p>	<p>https://www.francepodcasts.com/2022/01/11/expressions-de-la-quantite/</p>
Arabic (Arabs)	<p>قصة العابرون فوق شظاياهم مقال العتاب صابون القلوب بلاغة: الأساليب نحو: الاستثناء</p>	<p>شرح دلالة الألفاظ والعبارات في القصة تحليل القصة إلى عناصرها الفنية تتبع الصراع في القصة رسم خط تصاعد الأحداث من البداية حتى النهاية تحليل الأدلة التي ساقها الكاتب في المقال تقديم أدلة جديدة على أهمية العتاب بين الأشخاص ربط المقال بالأدلة والحياة الواقعية البحث عن شواهد عن الأساليب وتحليلها في القرآن والشعر إعراب المستثنى في حالاته الثلاثة</p>	<p>https://t.ly/8qwN8</p> <p>https://t.ly/ardKA</p> <p>https://t.ly/5KBe</p> <p>https://chss.ksu.edu.sa/ar/node/5234</p>

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<p>Arabic (non-Arabs)</p>	<p>سوق العمل أن يحلل التلاميذ النص تحليلياً أدبياً أن يصف التلاميذ المهنة المستقبلية أن يقارن التلاميذ بين الأعمال المختلفة</p>	<p>The students can create magazines about the different jobs. The students can create their own CVs The students can create videos about their future jobs</p>	<p>العربية التفاعلية https://learnarabiconline.ku.edu.sa/Account/Login.aspx قناة يوتيوب وينشستر منصة كتي KUTBEE PLATFORM المهن والوظائف كتاب الأنشطة</p>
<p>Islamic Education (Arabs)</p>	<p>موسى نبي الله طاعة ولي الأمر رعاية النبي لأهله</p> <p>1- أن يشرح الطالب الدروس المستفادة من قصة نبي الله موسى 2- يعدد الطالب آداب التعامل مع أولي الأمر</p>	<p>البحث الجماعي في سيرة نبي الله موسى وتلخيص الدروس المستفادة منها عمل جماعي يتم البحث فيه عن أهمية طاعة ولي الأمر ودورها في استقرار المجتمعات كتابة ملخص عن أهم الأساليب التربوية التي استخدمها النبي في التعامل مع أهل بيته</p>	<p>https://uae-school.com/archives/33428 حل درس طاعة ولي الأمر تربية إسلامية الصف الرابع الفصل (uae-school.com) الثالث - مدرستي الامارتية</p>

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	3- يستنتج الطالب الأساليب التربوية التي كان يستخدمها النبي في التعامل مع أهله		<u>حل درس رعاية الرسول صلى الله عليه وسلم لأهل بيته تربية إسلامية (uae-school.com) - صف عاشرفصل ثاني</u>
Islamic Education (Non-Arabs)	<p><u>Topic</u> <u>Dhul-Qarnain the good man</u> To apply the values expressed in the holy Quran</p> <p>To explain the situation mentioned in the Holy Quran</p> <p>To explain the meaning of the vocabs used in the holy quran</p> <p><u>Shaikh Ahmad ibn Abdul Aziz al Mubarak</u></p> <p>To identify the features of his character</p>	<p>Make a video about dhulQarnayn talking about his actions in history and the place of Gog and Magog</p> <p>Search and tell your classmate about the place of Gog and Magog</p> <p>Make a video talking about his influence on emeriti society</p> <p>What UAE miss if shaikh Ahmad al Mubarak did not exist</p>	<p>https://fliphtml5.com/mdfwp/tzxv/basic</p> <p>https://islambasics.com/chapter/dhul-qarnain/</p>



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	<p>To infer his achievements to the society</p> <p>To explain his impact on Emarati society.</p>		
Moral Education	<p>Moral Education in Action</p> <p>To put the theory into practice by creating an action plan</p>	<p>Discuss with your child the importance of being active in the community.</p>	<p><u>What makes a good UAE citizen?</u> <u>(thenationalnews.com)</u></p>