



Summer Aim High Study Progress Programme  
**Year 11**  
**February 2024**

Area for learning	Focus	Activities	Useful Websites/Apps
<b>English 1<sup>st</sup> Language</b>	<p>Topic: Descriptive/Narrative</p> <p><u>Learning objective:</u></p> <ul style="list-style-type: none"> <li>To be able to practice the various skills that are needed for the IGCSE exam</li> </ul>	<ul style="list-style-type: none"> <li>Watch the movie A beautiful mind and attempt the following.</li> <li>Write a descriptive piece on any one scene of your choice.</li> <li>Write a narrative piece by changing any one act of the movie</li> <li>Imagine that you are Russell Ira Crowe, write an interview based on your experience during the making of the movie</li> </ul>	<a href="http://viooz.co/movies/1473-a-beautiful-mind-2001.html">http://viooz.co/movies/1473-a-beautiful-mind-2001.html</a>
<b>English 2<sup>nd</sup> Language</b>	<ul style="list-style-type: none"> <li>Reading Comprehension</li> <li>Article Writing</li> </ul>	<ul style="list-style-type: none"> <li>Encourage your child to read any article from a newspaper or magazine. Ask them to write a summary of 100 words picking out the key points from the article.</li> </ul>	<a href="http://www.gulfnews.com">www.gulfnews.com</a> <a href="http://www.englishforeveryone.org">www.englishforeveryone.org</a>



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		<ul style="list-style-type: none"> <li>Have a discussion with your child on the topic and get him/her to research using the internet. Discuss with your child the precise vocabulary and terms needed to write the article on Expo 2020</li> <li>Ask your child to write an article on Expo 2020 and its effects on the tourism in UAE *Encourage them to make a power point</li> <li>presentation on the same topic. This will help them focus on the points needed to write the article.</li> </ul>	
<b>English Literature</b>	Dramatic elements in a play	Analyse the impact of dramatic elements in the play you are currently reading on the overall plot and character development	<a href="https://www.youtube.com/watch?v=imlwmNO9xIY">https://www.youtube.com/watch?v=imlwmNO9xIY</a>
<b>Mathematics Additional</b>	<ul style="list-style-type: none"> <li>Integrate sums of terms in powers of <math>x</math> including <math>1/x</math> and <math>1/ax+b</math></li> <li>Integrate functions of the form <math>(ax + b)^n</math> for any rational <math>n</math>, <math>\sin(ax + b)</math>, <math>\cos(ax + b)</math>, <math>e^{ax+b}</math></li> </ul>	<p>Research on the application of differentiation in Architecture: An Architect Engineer uses integration in determining the amount of the necessary materials to construct curved shape constructions.</p> <p><b>Application in Medical Science:</b> Biologists use differential calculus to determine the exact rate of growth in a</p>	<a href="https://mystudycompass.com/add-maths-topical-past-paper-topic-14-differentiation-and-integration-book-1/">https://mystudycompass.com/add-maths-topical-past-paper-topic-14-differentiation-and-integration-book-1/</a> <a href="https://igcseexamguru.com/pastpapers/Topical%20Past%20Paper">https://igcseexamguru.com/pastpapers/Topical%20Past%20Paper</a>



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	<ul style="list-style-type: none"> <li>Evaluate definite integrals and apply</li> <li>Integration to the evaluation of plane areas</li> <li>Apply differentiation and integration to kinematics problems that involve displacement, velocity and acceleration of a particle moving in a straight line with variable or constant acceleration, and the use of <math>x-t</math> and <math>v-t</math> graphs</li> </ul>	<p>bacterial culture when different variables such as temperature and food source are changed.</p> <p><b>Application in Graphics:</b> It is used to determine the rate of a chemical reaction and to determine some necessary information of Radioactive decay reaction.</p>	<p><a href="#">ers/AddMath/IGCSE%20Topical%20Past%20Papers%20Addmath%20P1.pdf</a></p> <p><a href="https://igcseexamguru.com/pastpapers/Topical%20Past%20Papers/AddMath/IGCSE%20Topical%20Past%20Papers%20Addmath%20P2.pdf">https://igcseexamguru.com/pastpapers/Topical%20Past%20Papers/AddMath/IGCSE%20Topical%20Past%20Papers%20Addmath%20P2.pdf</a></p> <p><a href="https://www.dropbox.com/s/9ifebv2b52mldq/15a%20Differentiation%20and%20integration.pdf?dl=0">https://www.dropbox.com/s/9ifebv2b52mldq/15a%20Differentiation%20and%20integration.pdf?dl=0</a></p>
Mathematics Extended	<p><b>Trigonometric functions</b></p> <p><b>Learning objective:</b></p> <ul style="list-style-type: none"> <li>To analyze and solve trigonometric equations and find the possible solutions for the trigonometric equations</li> <li>To analyze and solve trigonometric equations</li> </ul>	<p><b>Trigonometric functions</b></p> <ul style="list-style-type: none"> <li>Angle Spinner for Sketching Angles in Standard Position</li> <li>Evaluating Trig Functions Square Puzzle Activity</li> <li>Clinometer</li> </ul> <p><b>Transformations - Enlargement</b></p> <ul style="list-style-type: none"> <li>Transformation Twister</li> <li>Mapping Metropolis</li> </ul>	<p><b>Trigonometric functions</b></p> <p><a href="https://www.youtube.com/watch?v=Zv9TY72yrb0">https://www.youtube.com/watch?v=Zv9TY72yrb0</a></p> <p><a href="https://www.youtube.com/watch?v=csAOTDu36t0">https://www.youtube.com/watch?v=csAOTDu36t0</a></p> <p><a href="https://www.youtube.com/watch?v=5lu4a_fXq0E">https://www.youtube.com/watch?v=5lu4a_fXq0E</a></p>

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	<p>algebraically when the trigonometric function has a negative value</p> <ul style="list-style-type: none"> <li>To analyze and solve word problems applying trigonometric equations algebraically</li> </ul> <p><b>Transformations - Enlargement</b> <b>Learning objective:</b></p> <ul style="list-style-type: none"> <li>To be able to draw the enlargement of the given image using the negative and positive scale factor about the centre.</li> </ul>	<ul style="list-style-type: none"> <li>Animated Transformations</li> <li>Tessellation Creation</li> <li>Interactive Whiteboard Transformation</li> </ul>	<p><b>Transformations – Enlargement</b>  <a href="https://www.youtube.com/watch?v=W4w-ygPA6iw">https://www.youtube.com/watch?v=W4w-ygPA6iw</a>  <a href="https://www.youtube.com/watch?v=I9aRKwuq7s4">https://www.youtube.com/watch?v=I9aRKwuq7s4</a>  <a href="https://www.youtube.com/watch?v=DkcC3yDPXcQ">https://www.youtube.com/watch?v=DkcC3yDPXcQ</a></p>
<b>Statistics</b>	<p>TOPIC: Collection of Data: <u>Learning Objective:</u></p> <ul style="list-style-type: none"> <li>To differentiate between different types of data for eg quantitative and qualitative, discrete and continuous data etc.</li> </ul>	<p>Fun quizzes to test students' knowledge.  <a href="https://quizlet.com/147475753/types-of-data-gcse-maths-flash-cards/">https://quizlet.com/147475753/types-of-data-gcse-maths-flash-cards/</a></p> <p>Activities based on reiterating the assumptions made when using the data capture technique (not the method of calculation)</p>	<p><a href="https://mathsmadeeasy.co.uk/gcse-maths-revision/types-of-data-revision/">https://mathsmadeeasy.co.uk/gcse-maths-revision/types-of-data-revision/</a>  <a href="https://www.bbc.co.uk/bitesize/guides/zwcw6yc/revision/1">https://www.bbc.co.uk/bitesize/guides/zwcw6yc/revision/1</a></p>

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	<ul style="list-style-type: none"> <li>To recognize data can be obtained from primary and secondary sources.</li> <li>Understand meaning of terms Population, sample and census. Understand reasons for sampling, design and use a sampling frame.</li> <li>Use Peterson's data capture technique to estimate population sizes and know the assumptions made.</li> <li>Understand the use of random numbers, Be able to select a random sample, or a stratified sample</li> <li>Know the difference between opportunity, quota, systematic and judgement sampling.</li> </ul>	<p>Show students how random numbers can be generated. Random number tables can easily be obtained by searching the internet. Alternatively, random numbers can be generated from a scientific calculator.</p>	<p><a href="https://resources.collins.co.uk/free/978-0-00-811381-0_Edexcel%20GCSE%20Maths%20Higher%20Student%20Book_Ch_18_Supplement.pdf">https://resources.collins.co.uk/free/978-0-00-811381-0_Edexcel%20GCSE%20Maths%20Higher%20Student%20Book_Ch_18_Supplement.pdf</a></p> <p><a href="https://resources.collins.co.uk/free/978-0-00-811381-0_Edexcel%20GCSE%20Maths%20Higher%20Student%20Book_Ch_18_Supplement.pdf">https://resources.collins.co.uk/free/978-0-00-811381-0_Edexcel%20GCSE%20Maths%20Higher%20Student%20Book_Ch_18_Supplement.pdf</a></p> <p><a href="https://www.youtube.com/watch?v=Th7e-8ewpj0">https://www.youtube.com/watch?v=Th7e-8ewpj0</a></p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zq42ycw/revision/4">https://www.bbc.co.uk/bitesize/guides/zq42ycw/revision/4</a></p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zy9frwx/revision/1">https://www.bbc.co.uk/bitesize/guides/zy9frwx/revision/1</a></p>
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<b>Physics</b>	<p><b><u>Momentum</u></b>  Understand the concepts of momentum and impulse</p> <ul style="list-style-type: none"> <li>Recall and use the equation momentum = mass <math>\times</math> velocity, <math>p = mv</math></li> <li>Recall and use the equation for impulse <math>Ft = mv - mu</math></li> <li>Apply the principle of the conservation of momentum to solve simple problems in one dimension</li> </ul> <p><b><u>Vectors</u></b>  Understand that vectors have a magnitude and direction</p> <ul style="list-style-type: none"> <li>Demonstrate an understanding of the difference between scalars and vectors and give common examples</li> <li>Determine graphically the resultant of two vectors</li> </ul> <p><b><u>Revision</u></b></p>	<p><b>Research on</b>  Momentum in collisions of different types &amp; momentum in sports</p> <p><a href="https://www.bbc.co.uk/bitesize/guides/z9499j6/revision/1">https://www.bbc.co.uk/bitesize/guides/z9499j6/revision/1</a></p> <p>Draw scale diagram for finding resultant force &amp; resultant velocity</p> <p>Research on evolution of stars &amp; redshift of galaxies</p>	<p><a href="https://www.savemyexams.co.uk/notes/igcse-physics-cie-new/1-general-physics/1-6-momentum/1-6-1-momentum/">https://www.savemyexams.co.uk/notes/igcse-physics-cie-new/1-general-physics/1-6-momentum/1-6-1-momentum/</a></p> <p><a href="https://www.savemyexams.co.uk/notes/igcse-physics-edexcel-new/1-forces-motion/1-3-momentum/1-3-1-momentum/">https://www.savemyexams.co.uk/notes/igcse-physics-edexcel-new/1-forces-motion/1-3-momentum/1-3-1-momentum/</a></p> <p><a href="https://www.youtube.com/watch?v=BQJDKUSSAN0">https://www.youtube.com/watch?v=BQJDKUSSAN0</a></p> <p><a href="https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/space-physics/">https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/space-physics/</a></p>
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	Space Physics		<a href="https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/space-physics/">https://www.physicsandmathstutor.com/physics-revision/gcse-aqa/space-physics/</a>
<b>Chemistry</b>	<b>Topics:</b> Revision on <ul style="list-style-type: none"> <li>To enlist the uses of polymers.</li> <li>To explore, compare and contrast the types of polymerization with examples.</li> <li>To discuss and justify that polymers are the necessary evils to humans.</li> <li>Chemical bonding</li> <li>Acids and bases.</li> </ul>	<ul style="list-style-type: none"> <li>Make a flow chart to compare condensation and additional polymerization. Mention their uses. Use Piktochart/Canvas.</li> <li>Create a revision notes using the key terms for the following topics.</li> <li>To distinguish between covalent and ionic bonding.</li> <li>To elaborate the different methods of salt preparation.</li> <li>To compare acidic, basic, neutral and amphoteric oxides.</li> </ul>	<a href="https://www.savemyexams.co.uk/notes/igcse-chemistry-cie-new/14-organic-chemistry/14-3-polymers/14-3-1-polymers/">https://www.savemyexams.co.uk/notes/igcse-chemistry-cie-new/14-organic-chemistry/14-3-polymers/14-3-1-polymers/</a>  <a href="https://www.youtube.com/watch?v=HHT0S2Tpi8Q">https://www.youtube.com/watch?v=HHT0S2Tpi8Q</a> <a href="https://www.youtube.com/watch?v=9zdKq2-6Qm8">https://www.youtube.com/watch?v=9zdKq2-6Qm8</a>

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	<ul style="list-style-type: none"> <li>Organic chemistry: Alcohols and carboxylic acids</li> <li>Polymers: Condensation and addition polymers</li> <li>Electrochemistry</li> </ul>	<ul style="list-style-type: none"> <li>To compare and elaborate the 2 methods of making of alcohol.</li> <li>To write the balanced chemical equations for reactions of alcohols and carboxylic acids.</li> <li>To predict the product for molten, aqueous, dilute and concentrated solutions.</li> </ul>	<a href="https://www.youtube.com/watch?v=ql0Sm31MUdA">https://www.youtube.com/watch?v=ql0Sm31MUdA</a> <a href="https://www.youtube.com/watch?v=lpM_VCMPFug">https://www.youtube.com/watch?v=lpM_VCMPFug</a> <a href="https://www.youtube.com/watch?v=3YeXGpDdgZw">https://www.youtube.com/watch?v=3YeXGpDdgZw</a> <a href="https://www.youtube.com/watch?v=vWBf9s56H7E">https://www.youtube.com/watch?v=vWBf9s56H7E</a> <a href="https://www.youtube.com/watch?v=-d14DmSBuAQ">https://www.youtube.com/watch?v=-d14DmSBuAQ</a> <a href="https://www.youtube.com/watch?v=VKmdYYPexbs&amp;t=25s">https://www.youtube.com/watch?v=VKmdYYPexbs&amp;t=25s</a> <a href="https://www.youtube.com/watch?v=7ullq_Ofzgw">https://www.youtube.com/watch?v=7ullq_Ofzgw</a> <a href="https://www.youtube.com/watch?v=87K8QsMI8nC">https://www.youtube.com/watch?v=87K8QsMI8nC</a>
Biology	<u>Human influences on ecosystems</u>	Research and present studies of current research on how Human's have affected the environment.	<a href="https://www.khanacademy.org/science/hs-">https://www.khanacademy.org/science/hs-</a>





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	<ul style="list-style-type: none"> <li>• Describe the advantages and disadvantages of large-scale monocultures of crop plants</li> <li>• Describe the advantages and disadvantages of intensive livestock production.</li> <li>• Explain the undesirable effects of deforestation as an example of habitat destruction, to include: reducing biodiversity, extinction, loss of soil, flooding and increase of carbon dioxide in the atmosphere.</li> <li>• Describe the effects of non-biodegradable plastics, in both aquatic and terrestrial ecosystems.</li> <li>• Describe the sources and effects of pollution of the air by methane and carbon dioxide, limited to: the enhanced greenhouse effect and climate change.</li> </ul>	<p>Create placards on different aspects: Pollution, livestock, Deforestation etc.</p> <p>Create an infographic poster to create awareness on how we can protect the aquatic and terrestrial ecosystem.</p>	<p><a href="https://biology2.chapter/human-impact-on-the-environment/">biology/x4c673362230887ef:int</a>  <a href="https://courses.lumenlearning.com/wm-biology2/chapter/human-impact-on-the-environment/">eractions-in-</a>  <a href="https://www.gavi.org/vaccines-work/why-human-impact-environment-leading-infections-covid-19">ecosystems/x4c673362230887e</a>  <a href="https://www.gavi.org/vaccines-work/why-human-impact-environment-leading-infections-covid-19">f:human-impacts-on-</a>  <a href="https://www.gavi.org/vaccines-work/why-human-impact-environment-leading-infections-covid-19">ecosystems/v/human-impacts-</a>  <a href="https://www.gavi.org/vaccines-work/why-human-impact-environment-leading-infections-covid-19">on-ecosystems-video</a>  <a href="https://www.gavi.org/vaccines-work/why-human-impact-environment-leading-infections-covid-19">https://courses.lumenlearning.c</a>  <a href="https://www.gavi.org/vaccines-work/why-human-impact-environment-leading-infections-covid-19">om/wm-</a>  <a href="https://www.gavi.org/vaccines-work/why-human-impact-environment-leading-infections-covid-19">biology2/chapter/human-</a>  <a href="https://www.gavi.org/vaccines-work/why-human-impact-environment-leading-infections-covid-19">impact-on-the-environment/</a>  <a href="https://www.gavi.org/vaccines-work/why-human-impact-environment-leading-infections-covid-19">https://www.gavi.org/vaccines</a>  <a href="https://www.gavi.org/vaccines-work/why-human-impact-environment-leading-infections-covid-19">work/why-human-impact-</a>  <a href="https://www.gavi.org/vaccines-work/why-human-impact-environment-leading-infections-covid-19">environment-leading-infections-</a>  <a href="https://www.gavi.org/vaccines-work/why-human-impact-environment-leading-infections-covid-19">covid-19</a></p>
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<b>Food and Nutrition</b>	<u>Convenience food Cooking of food</u> <u>Sensory Evaluation</u>	<u>How Cooking Affects the Nutrient Content of Foods</u> <ul style="list-style-type: none"> <li>• Use different visual aids to show how water, light and air affect nutrients</li> <li>• 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.</li> <li>• Since fire was discovered, people have been cooking. Find out how fire was discovered and how it changed the way people prepared food.</li> </ul>	<a href="http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/Food_processing_and_nutrition">http://www.betterhealth.vic.gov.au/bhcv2/bhcarticles.nsf/pages/Food_processing_and_nutrition</a> <i>Food processing and nutrition</i> .  <a href="http://www.choice.com.au/reviews-and-tests/food-and-health/food-and-drink/nutrition/are-fresh-vegies-better.aspx">http://www.choice.com.au/reviews-and-tests/food-and-health/food-and-drink/nutrition/are-fresh-vegies-better.aspx</a> <i>Are fresh veggies better?</i>

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		<ul style="list-style-type: none"> <li>Design an experiment to see what happens to an egg when heat is applied.</li> </ul> <p>Adapt the <a href="#">chocolate cake recipe</a> to make something different.</p>	
<b>Economics</b>	<ul style="list-style-type: none"> <li>To determination of foreign exchange rate in foreign exchange market</li> <li>Discuss the causes of foreign exchange rate fluctuations</li> <li>Discuss the consequences of foreign exchange rate fluctuations</li> <li>Anayse the difference between floating and fixed foreign exchange rates.</li> <li>Illustrate structure of BoP.</li> <li>Analyse the causes of current account deficit and surplus</li> </ul>	<ul style="list-style-type: none"> <li>.Learners explore recent reports of currency movements and use this to identify possible reasons for exchange rate changes.</li> <li>Learners classify factors into ones affecting the demand for a currency and those affecting its supply (if necessary).</li> <li>Learners explore the consequences of exchange rate changes and discuss the reasons why a government might encourage its exchange rate to either appreciate or depreciate against other currencies.</li> <li>Learners explore how the price elasticity of demand for exports and imports might influence how an appreciation or depreciation would affect the total value of exports and imports.</li> </ul>	<p><a href="http://www.xe.com/">http://www.xe.com/</a></p> <p><a href="https://www.economicsonline.co.uk/global_economics/exchange_rates.html/">https://www.economicsonline.co.uk/global_economics/exchange_rates.html/</a></p> <p><a href="https://www.tutor2u.net/economics/reference/exchange-rates-an-introduction">https://www.tutor2u.net/economics/reference/exchange-rates-an-introduction</a></p> <p><a href="https://www.economicsonline.co.uk/definitions/current_accoun">https://www.economicsonline.co.uk/definitions/current_accoun</a></p>



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	<ul style="list-style-type: none"> <li>Discuss consequences of current account deficit and surplus</li> <li>Evaluate the policies to achieve the balance of payments stability</li> </ul>	<ul style="list-style-type: none"> <li>Learners consider whether their own currency is currently over- or under-valued against other countries and therefore whether it should be allowed to appreciate or depreciate.</li> <li>They recommend the best strategies for the government to use to enable the currency value to change.</li> <li>Learners use supply and demand analysis to explain how a government could manage the supply and demand of its currency, to keep it within a fixed range.</li> <li>Learners explore the structure of the current account for their own country and others.</li> <li>Learners by creating pie charts to show the relative sizes of each component and comparing these across different countries.</li> <li>Learners explore possible consequences of current account deficits and surpluses.</li> <li>Learners explore how the price elasticity of demand for imports and exports would affect the</li> </ul>	<p><a href="https://www.economicshelp.org/blog/glossary/current-account-bop/">t.html/#:~:text=Current%20account%20%E2%80%93%20definition,an%20economy%20are%20called%20debits.</a></p> <p><a href="https://www.economicshelp.org/blog/glossary/current-account-bop/">https://www.economicshelp.org/blog/glossary/current-account-bop/</a></p>
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		<p>extent to which a change in the currency value would correct a current account imbalance.</p> <p>Explain how the use of a floating exchange rate could be used to correct a current account deficit or surplus.</p>	
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<b>Accounting</b>	<ul style="list-style-type: none"> <li>To evaluate the capital structure of a limited company comprising preference share capital, ordinary share</li> <li>To prepare relevant financial statement pertaining to Limited liability companies.</li> </ul>	<ul style="list-style-type: none"> <li>Research on the Limited liability companies in UAE, and compare and contrast how a it is different from sole trading business.</li> <li>Prepare a guide/ presentation on setting up a business in the UAE – the legal requirements</li> <li>Evaluate the financial statements prepared at the end of the financial year.</li> </ul>	<a href="http://www.dineshbakshi.com">www.dineshbakshi.com</a> <a href="http://www.cie.org.uk">www.cie.org.uk</a> <a href="http://www.myaccountinglab.com">www.myaccountinglab.com</a> <a href="https://www.hfw.com/A-guide-to-setting-up-a-business-in-the-UAE-the-legal-requirements">https://www.hfw.com/A-guide-to-setting-up-a-business-in-the-UAE-the-legal-requirements</a>
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<b>Business Studies</b>	<ul style="list-style-type: none"> <li>To interpret the need for government intervention in business activity</li> <li>To identify the policies implemented by the Government.</li> <li>To develop knowledge of the role of the government in influencing business decisions</li> </ul>	<ul style="list-style-type: none"> <li>Find out the present forms and rates of direct and indirect taxes such as income tax, taxes on purchases (such as VAT), business taxes and excise duty in your country.</li> <li>Determine the value of the US Dollar against the following currencies for the period Jan 2022- Dec 2022 and give your opinion:               <ol style="list-style-type: none"> <li>Euro</li> <li>British Pound</li> <li>Indian National Rupee</li> <li>Australian Dollar</li> <li>Singapore Dollar</li> </ol> </li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Direct Taxes &amp; Indirect taxes - Definition, Types, Advantages &amp; Disadvantages (cleartax.in)</a></li> <li><a href="#">Direct Taxes &amp; Indirect taxes - Definition, Types, Advantages &amp; Disadvantages (cleartax.in)</a></li> </ul>
<b>Travel and Tourism</b>	<ul style="list-style-type: none"> <li>To investigate the role of UAE Government in development of TT Industry.</li> </ul>	<ul style="list-style-type: none"> <li>Research on role of UAE Government in Promotion of Tourism. Explain how specific travel and tourism products are developed to cater for the needs and expectations of different market segments.</li> </ul>	<a href="http://www.wto.org">www.wto.org</a> Using the Internet, <a href="https://u.ae/en/information-and-services/visiting-and-exploring-the-uae/travel-and-tourism">https://u.ae/en/information-and-services/visiting-and-exploring-the-uae/travel-and-tourism</a>



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		<ul style="list-style-type: none"> <li>Present o report or PPT or Prezi Presentation on the Topic.</li> </ul>	<a href="https://www.economy.gov.ae/english/Knowledge-Section/Tourism-Promote/tourism-sector/Pages/patterns-of-tourism.aspx">https://www.economy.gov.ae/english/Knowledge-Section/Tourism-Promote/tourism-sector/Pages/patterns-of-tourism.aspx</a> <a href="http://www.dubaided.ae/Documents/Dubai-economic-report/Chapter%204.pdf">http://www.dubaided.ae/Documents/Dubai-economic-report/Chapter%204.pdf</a> The Encyclopedia of DUBAI, and other sources.  Coggle.it Stormboard.com Canva.com- Creating Posters Pictochart.com
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<b>Sociology</b>	Past Paper Practice	Access IGCSE past papers on the links provided. Down load the 2020, 2021 and 2022 may June and Oct/Nov past papers. Practice answering exam questions considering marks given.  Do not access /mark schemes till you har completed	<a href="http://WWW.Papacambridge.com">WWW.Papacambridge.com</a>  <a href="https://pastpapers.co/cie/?dir=IGCSE">https://pastpapers.co/cie/?dir=IGCSE</a>
<b>Psychology</b>	Sleep disorders To explain and analyse the sleep disorders	Research the Topic Sleep disorders using internet sources.  <ul style="list-style-type: none"> <li>• Conduct a survey on sleep patterns and present the findings through graphical analysis.</li> <li>• Additionally, calculate the mean or median of the results for further insight.</li> </ul>	<a href="https://www.khanacademy.org/science/health-and-medicine/executive-systems-of-the-brain/sleep-and-consciousness-lesson/v/sleep-disorders">https://www.khanacademy.org/science/health-and-medicine/executive-systems-of-the-brain/sleep-and-consciousness-lesson/v/sleep-disorders</a>
<b>Geography</b>	Human activities and the natural environment	Use the internet and other sources available to research: <ul style="list-style-type: none"> <li>• Causes and impacts of deforestation</li> <li>• Strategies to tackle deforestation in the Amazon</li> <li>• Causes and impacts of global warming.</li> <li>• Strategies to reduce the impact of global warming.</li> <li>• Create revision flash cards on the above.</li> </ul>	Students select their own source for research.



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<b>History</b>	Case Study: Hungary (1956) and Czechoslovakia (1968)	Examine the reasons for opposition to Soviet Union control in Hungary in (1956) and Czechoslovakia (1968).  Create a comparative analysis: How similar were events in Hungary in 1956 and in Czechoslovakia in 1968?	<a href="https://www.youtube.com/watch?v=IPXi4DDLqLo">https://www.youtube.com/watch?v=IPXi4DDLqLo</a>  <a href="https://www.youtube.com/watch?v=WNVYVJjyoqWQ&amp;pp=ygUiVV BSSVNJTkcgSU4gQ1pFQ0hPU0xPVkFLSUEgSU4gMTk2OA%3D%3D">https://www.youtube.com/watch?v=WNVYVJjyoqWQ&amp;pp=ygUiVV BSSVNJTkcgSU4gQ1pFQ0hPU0xPVkFLSUEgSU4gMTk2OA%3D%3D</a>
<b>Environmental Management</b>	Past paper practice	Answer all questions on the May/June 2021 paper 2 for practice on investigation skills.	<a href="https://pastpapers.co/cie/?dir=IGCSE">https://pastpapers.co/cie/?dir=IGCSE</a>
<b>ICT</b>	Theory: Applications of ICT Practical <ul style="list-style-type: none"> <li>• Database</li> <li>• Spreadsheets</li> <li>• Document production</li> </ul> Web authoring	<ul style="list-style-type: none"> <li>• Encourage your child to practise practical past papers on Data manipulation, spreadsheet and Web authoring concepts.</li> <li>• Discuss and evaluate the applications of ICT in various fields like communication , Modelling, Control systems, Satellite communication, Retail systems, Expert systems, School database, Medical and online banking</li> </ul>	<a href="http://www.igcseict.info/">http://www.igcseict.info/</a>  <a href="http://www.teach-ict.com/">http://www.teach-ict.com/</a>  <a href="https://www.ictlounge.com/html/webauthoring.htm">https://www.ictlounge.com/html/webauthoring.htm</a>



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<b>Computer Science</b>	<ul style="list-style-type: none"> <li>• Data representation</li> <li>• Data transmission</li> <li>• Hardware</li> <li>• Software</li> <li>• The internet and its uses</li> <li>• Automated and emerging technologies</li> <li>• Algorithm design and Problem solving</li> <li>• Programming</li> <li>• Databases</li> </ul> <p>Boolean Logic</p>	<ul style="list-style-type: none"> <li>• Encourage your child to practise practical past papers on Paper 1 topics – Data Representation, Data Transmission, Hardware, Software, Internet and its uses, Automated and Emerging technologies and Paper 2 topics - Algorithm design and Problem solving, Programming, Databases, Boolean Logic.</li> <li>• Practice scenario-based questions for programming.</li> </ul>	<a href="https://pastpapers.papacambridge.com/papers/caie/igcse-computer-science-0478">https://pastpapers.papacambridge.com/papers/caie/igcse-computer-science-0478</a>  <a href="http://www.bitsofbytes.co/">http://www.bitsofbytes.co/</a>  <a href="#">CIE IGCSE Computer Science 2023   Save My Exams</a>
<b>Physical Education</b>	To know the types of injuries and prevention in sports.	<ul style="list-style-type: none"> <li>• Explain how injuries to muscles, ligaments and tendons happen.</li> </ul> <p>Write strategies for preventing risk or protecting against injuries during physical activities.</p>	<a href="http://www.teachpe.com">www.teachpe.com</a> <a href="http://www.britishschoolofboston.org">www.britishschoolofboston.org</a> <a href="http://www.cie.org.uk">www.cie.org.uk</a> <a href="http://www.physicaleducation.co.uk">www.physicaleducation.co.uk</a>
<b>Art</b>	Completing component one and working on component two.	<p>Final submission of the component one.</p> <p>Exam preparatory ongoing.</p>	<a href="http://www.studentartguide.com">www.studentartguide.com</a>

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French	<u>Revision</u>	<p><b>Grammar:</b></p> <ul style="list-style-type: none"> <li>Le subjonctif/La métaphore/L'hypothèse (si)/ La comparaison</li> <li><b>Writing:</b> environnement/ l'éducation/ la description physique et caractères</li> <li><b>Reading:</b> 0520/2.1/2.2</li> <li><a href="https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-french-foreign-language-0520/past-papers/">https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-french-foreign-language-0520/past-papers/</a></li> <li><b>Listening:</b> 0520/1.1/1.2</li> <li><a href="https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-french-foreign-language-0520/past-papers/">https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-french-foreign-language-0520/past-papers/</a></li> <li><b>Speaking:</b> 0520/3</li> <li><a href="https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-french-foreign-language-0520/past-papers/">https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-igcse-french-foreign-language-0520/past-papers/</a></li> </ul>	<a href="https://www.alloprof.qc.ca/fr/eleves/bv/francais/la-metaphore-f1370">https://www.alloprof.qc.ca/fr/eleves/bv/francais/la-metaphore-f1370</a> <a href="https://francais.lingolia.com/fr/grammaire/les-verbessubjonctif">https://francais.lingolia.com/fr/grammaire/les-verbessubjonctif</a> <a href="https://live-french.net/fr/grammaire-francaise/lhypothese/">https://live-french.net/fr/grammaire-francaise/lhypothese/</a> <a href="https://francais.lingolia.com/fr/grammaire/les-adjectifs/le-comparatif-et-le-superlatif">https://francais.lingolia.com/fr/grammaire/les-adjectifs/le-comparatif-et-le-superlatif</a>
Arabic (Arabs)	<p>اسم التفضيل: TOPIC:</p> <p>Learning objectives:</p>	<p>مثل لكل نوع من أنواع اسم التفضيل : مجرد من أل والإضافة . محلى بآل  هات مثالا ل: لتمييز وقع بعد أفعال التفضيل -  يأتي الطلاب بأمثلة</p>	<a href="https://www.youtube.com/watch?v=pl5BGnN-Cdc">https://www.youtube.com/watch?v=pl5BGnN-Cdc</a>

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	<p>. أن يحدد الطالب اسم التفضيل من القطعة -          أن يستنتج صور اسم التفضيل من الفعل -          الثلاثي وغير الثلاثي.          أن يوظف اسم التفضيل في مواقف حياتية -</p> <p>قصة المغفلة التي علمتني TOPIC</p> <p>Learning objectives:</p> <p>أن يحلل المتعلم (القصة ) إلى عناصرها الفنية</p> <p>أن يحدد الطالب المعنى المناسب للكلمات -          متعددة المعاني من خلال السياق-. أن يكتب          الطالب قصة قصيرة يعيد فيها بناء القصة          الواردة.</p>	<p>عن التفضيل ،يعرض فيها مقارنات بين الإمارات وبعض الدول المتقدمة          حدد عناصر القصة القصيرة          حلل قصة الخبز الى عناصرها          اعد كتابة القصة مرة ثانية بأسلوبك الخاص          ضع نهاية اخرى للقصة          قارن بين القصة وقصة الخبز من الادب العربي          إجراء اختبار ختامي قصير للتأكد من مستوى التعلم لدى الطلاب من -          خلال ورقة</p>	<p><a href="https://www.youtube.com/watch?v=Jg1Rtkqnr2U">https://www.youtube.com/watch?v=Jg1Rtkqnr2U</a></p>
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<b>Islamic Education (Non Arabs)</b>	<p>TOPIC: Scientific Miracles in the Holy Qur'an Sources of Islamic Sharia</p> <p><b>Learning objectives:</b></p> <p><b>Define the concept of scientific miracles</b></p> <p><b>Compare scientific miracles to scientific exposition</b></p>	<p>Contemplate the link between modern science and revelation by doing a research collecting some evidences from real life.</p> <p>Write down an essay on the importance of sources of Sharia' by giving some examples.</p>	<p><a href="https://www.youtube.com/watch?v=uwSxSemmdDE">https://www.youtube.com/watch?v=uwSxSemmdDE</a></p> <p><a href="https://www.youtube.com/watch?v=4A5f7qQmuqQ&amp;t=22s">https://www.youtube.com/watch?v=4A5f7qQmuqQ&amp;t=22s</a></p>
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<b>Moral Education</b>	<b>Visible and Invisible Culture</b> <ul style="list-style-type: none"> <li>• What is the difference between visible and invisible culture?</li> <li>• Will be able to explain the relationship between visible and invisible culture.</li> <li>• To compare and contrast different approaches to understanding culture</li> <li>• Will be able to give examples of culture complexes and traits of the UAE.</li> </ul>	<ol style="list-style-type: none"> <li>1. Give two examples of visible and inviable culture.</li> <li>2. Discuss the questions below <ul style="list-style-type: none"> <li>• How does culture shape the way we see ourselves, others, and the world?</li> <li>• Why is it important to understand our own culture?</li> <li>• Why is it important to understand other cultures?</li> <li>• Why do you think some people are not interested in other people's cultures?</li> <li>• How do you think being able to understand cultures can benefit you as an individual?</li> </ul> </li> <li>3. Discuss the different approaches to understanding culture</li> </ol>	<a href="https://www.youtube.com/watch?v=u37t0u-4BTI">https://www.youtube.com/watch?v=u37t0u-4BTI</a>
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