



Aim High Study Progress Programme  
Year 11  
October 2025

Area for learning	Focus	Activities	Useful Websites/Apps
<b>English 1<sup>st</sup> Language</b>	To develop descriptive writing skills.	<ul style="list-style-type: none"><li>• Encourage your child to write down their observations of the world around them, focusing on the five senses. This will help them develop their ability to describe things vividly.</li><li>• Create a descriptive piece of 350-450 words on the poem 'The Road Not Taken' by Robert Frost.</li><li>• Write a descriptive piece within 350-450 words based on a place that makes your happy keeping in mind the strategies relevant to making that piece effective.</li></ul>	<a href="https://www.savemyexams.com/igcse/english-language/cie/20/revision-notes/2-paper-2-writing/section-b-composition/descriptive-writing-how-to-get-full-marks/">https://www.savemyexams.com/igcse/english-language/cie/20/revision-notes/2-paper-2-writing/section-b-composition/descriptive-writing-how-to-get-full-marks/</a>
<b>English 2<sup>nd</sup> Language</b>	<ul style="list-style-type: none"><li>• Vocabulary</li><li>• Features of Article Writing</li></ul>	<ul style="list-style-type: none"><li>• Imagine you have just returned from a very disappointing trip. Write a letter to your friend telling him/her what happened.</li></ul>	<a href="https://www.eslecollege.com/igcse-esl-hub/">https://www.eslecollege.com/igcse-esl-hub/</a>



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	<ul style="list-style-type: none"><li>• Skimming and scanning Skills</li><li>• Article format</li><li>• Letter format</li><li>• Complex sentence Structure</li><li>• Using connectives</li></ul>	Write an article for your school magazine on how fashion influences the society and its effects on teens.	
<b>English Literature</b>	To compare and contrast the novel or short story's themes and symbolism to another novel.	<ul style="list-style-type: none"><li>• Analyse chapters 10-15 of the novel you are reading or the short stories being done in class.</li><li>• Select a chapter/excerpt that you liked and turn it into a theatre script.</li><li>• Highlight quotes from the chapters stated above. Infer feelings associated with these quotes and discuss their connection with different characters from the novel.</li></ul>	<a href="https://www.examrhino.com/post/english-literature-0475-resources-tips-and-tricks">https://www.examrhino.com/post/english-literature-0475-resources-tips-and-tricks</a>



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		<p>Use a graphic organiser/concept map to reflect on how the feelings, emotions and thoughts of different characters change as the plot progresses.</p>	
<p><b>Mathematics (Add Math)</b></p>	<ul style="list-style-type: none"> <li>• Know simple properties and graphs of the logarithmic and exponential functions including <math>\ln x</math> and <math>e^x</math> (series expansions are not required)</li> <li>• Graphs of <math>ke^{nx} + a</math> and <math>k \ln(ax + b)</math> where <math>n</math>, <math>k</math>, <math>a</math> and <math>b</math> are integers</li> <li>• Know and use the laws of logarithms (including change of base of logarithms)</li> </ul>	<p>Research on the real life application of logarithms in</p> <ul style="list-style-type: none"> <li>• solve exponential equations and to explore the properties of exponential functions.</li> <li>• in calculus, where they will be used to calculate the slope of certain functions and the area bounded by certain curves.</li> <li>• measuring loudness (decibels), measuring earthquake intensity (Richter scale), radioactive decay, and acidity</li> </ul> <p>Microbiologists. A logarithm is able to model the growth of bacteria, viruses and other microscopic organisms</p>	<p><a href="https://www.dropbox.com/s/liv00fruc9fkv/07%20Logarithmic%20and%20exponential%20functions.pdf?dl=0">https://www.dropbox.com/s/liv00fruc9fkv/07%20Logarithmic%20and%20exponential%20functions.pdf?dl=0</a>  <a href="https://igcsemathsin.files.wordpress.com/2018/04/ig-0606-logarithmic-and-exponential-functions-notes.pdf">https://igcsemathsin.files.wordpress.com/2018/04/ig-0606-logarithmic-and-exponential-functions-notes.pdf</a>  <a href="https://mystudycompass.com/add-maths-topical-past-paper-topic-7-logarithmic-and-exponential-functions-book-1/">https://mystudycompass.com/add-maths-topical-past-paper-topic-7-logarithmic-and-exponential-functions-book-1/</a>   <a href="https://www.tes.com/teaching-resource/logarithmic-and-exponential-functions-add-maths-0606-gcse-igcse-ap-ib-">https://www.tes.com/teaching-resource/logarithmic-and-exponential-functions-add-maths-0606-gcse-igcse-ap-ib-</a></p>



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	<ul style="list-style-type: none"><li>• Solve equations of the form <math>a^x = b</math></li><li>• Interpret the equation of a straight line graph in the form <math>y = mx + c</math></li><li>• Transform given relationships, including <math>y = ax^n</math> and <math>y = Ab^x</math>, to straight line form and hence determine unknown constants by calculating the gradient or intercept of the transformed graph</li></ul>		<b>hl-exam-style-questions-12542043</b>
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<b>Mathematics (Extended)</b>	<b>Surds:</b> <ul style="list-style-type: none"><li>To simplify and apply mathematical operations and write surds in the form of <math>\sqrt{a}</math></li><li>To simplify a fraction with a square root in the denominator by multiplying both the numerator and the denominator by a square root,</li><li>understand the concept of the conjugate of an</li></ul>	<ul style="list-style-type: none"><li>Research on how Engineers and computer scientists apply surds when dealing with waveforms, oscillations, or algorithms.</li><li>Explore GPS distance formula and see why surds matter before approximation.</li><li>Create a short report or poster on “How surds appear in real life.”</li></ul>	<p><a href="https://www.maths.scot/pdf/n5/maths4scotland/Surds-Notes.pdf">https://www.maths.scot/pdf/n5/maths4scotland/Surds-Notes.pdf</a></p> <p><a href="https://thirdspacelearning.com/gcse-maths/number/surds/">https://thirdspacelearning.com/gcse-maths/number/surds/</a></p> <p><a href="https://thirdspacelearning.com/gcse-maths/number/rationalising-surds/">https://thirdspacelearning.com/gcse-maths/number/rationalising-surds/</a></p> <p><a href="https://www.nhgs.co.uk/storage/app/media/Sixth-Form/Transition_Work/Maths_Questions_and_Answers/1a-2_Surds.pdf">https://www.nhgs.co.uk/storage/app/media/Sixth-Form/Transition_Work/Maths_Questions_and_Answers/1a-2_Surds.pdf</a></p>
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	<p>expression with square roots.</p> <p><b>Graphs of Functions:</b> <b>Graphs of Functions</b></p> <p><b>Learning outcomes:</b></p> <ul style="list-style-type: none"><li>• To draw and estimate the minimum and maximum value of <math>y</math></li><li>• To draw the tangents to a cubic curve and find the solutions to the graph by drawing straight lines</li><li>• To draw reciprocal and exponential graphs from the given equations</li></ul>	<ul style="list-style-type: none"><li>• Research on which industries rely on finding minima/maxima (e.g., civil engineers, business analysts).</li><li>• In physics, tangent to distance-time curve = speed at that instant.</li><li>• In economics, tangent to profit curve = marginal profit.</li></ul> <p>Research Task: Pick <b>one context</b> (physics, business, biology) and explain why drawing a tangent is important there.</p>	<p><a href="https://mrmannmaths.wordpress.com/wp-content/uploads/2018/01/2016-2017-ppqs-graphs-gp.pdf">https://mrmannmaths.wordpress.com/wp-content/uploads/2018/01/2016-2017-ppqs-graphs-gp.pdf</a></p> <p><a href="https://pmt.physicsandmathstutor.com/download/Maths/GCSE/Topic-Qs/Edexcel/Set-3/Algebra/Higher/Quadratic,%20Cubic%20and%20Other%20Graphs%20(H).pdf">https://pmt.physicsandmathstutor.com/download/Maths/GCSE/Topic-Qs/Edexcel/Set-3/Algebra/Higher/Quadratic,%20Cubic%20and%20Other%20Graphs%20(H).pdf</a></p> <p><a href="https://www.tes.com/resource-detail/download/12002771">https://www.tes.com/resource-detail/download/12002771</a></p>
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<p><b>Statistics</b></p>	<p><b>Trend Series</b></p> <p><b>Learning objective:</b></p> <ul style="list-style-type: none"> <li>• Draw Line Graphs &amp; Time Series</li> <li>• Draw trend lines on time series graph and use inspection to identify trends</li> <li>• Draw trend lines on time series graph and use inspection to identify trends and variations</li> </ul>	<p><b>Trend Series</b></p> <ul style="list-style-type: none"> <li>• Use historical data, such as stock prices, population growth, or weather patterns, and have participants plot the data on a graph. Then, they can draw a trend line manually or with software tools like Excel.</li> <li>• Provide a data set where participants plot data points and draw a trend line. Then, ask them to extend the line into the future to make predictions based on the trend.</li> <li>• Use historical economic data or social data (like unemployment rates, inflation, or sales growth). Ask participants to identify the trend lines over various decades and discuss external factors influencing those trends.</li> </ul> <p><b>Probability distributions</b></p>	<p><a href="https://study.com/academy/practice/quiz-worksheet-drawing-a-trend-line.html">https://study.com/academy/practice/quiz-worksheet-drawing-a-trend-line.html</a></p> <p><a href="https://quizlet.com/gb/478955724/edexcel-gcse-statistics-5-time-series-flash-cards/">https://quizlet.com/gb/478955724/edexcel-gcse-statistics-5-time-series-flash-cards/</a></p> <p><a href="https://www.mathsgenie.co.uk/statistics.php">https://www.mathsgenie.co.uk/statistics.php</a></p> <p><a href="https://www.samworth.tgacademy.org.uk/files/2023/04/Statistics-GCSE-Revision-Notes.pdf">https://www.samworth.tgacademy.org.uk/files/2023/04/Statistics-GCSE-Revision-Notes.pdf</a></p>
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	<ul style="list-style-type: none"> <li>• Draw a trend line through moving averages by eye</li> </ul> <p><b>Probability distributions:</b> <b>Binomial distribution</b></p> <p><b>Learning objective:</b></p> <ul style="list-style-type: none"> <li>• Understand the notation <math>B(n, p)</math>, Identify when a binomial distribution should be used and the conditions needed</li> <li>• Calculate probabilities using any standard method including use of calculator</li> </ul>	<p>1. Dice Rolling Simulation</p> <ul style="list-style-type: none"> <li>• Activity: Have participants roll a pair of dice multiple times (e.g., 50 rolls) and record the sum of the two dice on each roll. Plot the frequency distribution of the sums.</li> <li>• Objective: Introduce the concept of a discrete probability distribution by observing that some sums (like 7) are more common, leading to a bell-shaped distribution.</li> </ul> <p>2. Coin Toss Probability</p> <ul style="list-style-type: none"> <li>• Activity: Have participants flip a coin 100 times and record how often heads and tails occur. Then, ask them to calculate the experimental probability and compare it to the theoretical probability.</li> </ul>	
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	<ul style="list-style-type: none"> <li>• Know the calculation for the mean of a binomial distribution is <math>np</math></li> <li>• Know the properties for the binomial distribution and how to calculate them</li> </ul> <p><b>Probability distributions: Normal distribution and standardized scores</b></p> <p><b>Learning objective:</b></p> <ul style="list-style-type: none"> <li>• Know the shape of a normal distribution curve and how this occurs; Understand the notation</li> </ul>	<ul style="list-style-type: none"> <li>• Objective: Understand the binomial distribution and how large sample sizes tend to reflect theoretical probabilities.</li> </ul> <p>3. Create a Probability Histogram</p> <ul style="list-style-type: none"> <li>• Activity: Using a bag of colored marbles, ask participants to draw marbles one by one, record the color, and then replace the marble. After many draws, plot the frequency of each color as a histogram.</li> <li>• Objective: Visualize a discrete probability distribution by showing how frequencies stabilize over time.</li> </ul> <p>4. Random Number Distribution</p> <ul style="list-style-type: none"> <li>• Activity: Use a random number generator (e.g., from 1 to 100) and have participants generate a set of 100</li> </ul>	
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	<p><math>N(\mu, \sigma^2)</math>; Know the conditions that make the normal distribution model suitable</p> <ul style="list-style-type: none"><li>• Know how to draw two distribution curves on the same graph; Know that 68% of data lies within one standard deviations of the mean, 95% of data lies within two standard deviations of the mean; Use standardized scores to compare two samples of data.</li></ul>	<p>numbers. Then, have them create a histogram of the frequency of each number.</p> <ul style="list-style-type: none"><li>• Objective: Explore the concept of uniform distribution, where each number has an equal likelihood of appearing.</li></ul>	
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<b>Physics</b>	<p><b>Current Electricity &amp; Magnetism</b></p> <ul style="list-style-type: none"> <li>• Analyse qualitatively how changes in p.d. or resistance affect current</li> <li>• Evaluate the working and features of electrical components</li> </ul> <p><b>The magnetic effect of a current</b></p> <ul style="list-style-type: none"> <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</li> </ul>	<ul style="list-style-type: none"> <li>• Research on electrical components such as Filament lamp ,LED,DIODE , Relay and explain the working</li> <li>• Investigate on how do potential difference affect the flow of current.</li> <li>• Investigate on how the turning effect of a d.c. motor will change if the current flowing through the motor coil/</li> <li>• Do research on the action of             <ul style="list-style-type: none"> <li>○ Electric bell</li> </ul> </li> <li>• Do research on the uses of electro magnets in day to day life.</li> </ul>	<p><a href="https://igcseaid.com/notes/coordinate-d-science-0654/p12-4-resistance/">https://igcseaid.com/notes/coordinate-d-science-0654/p12-4-resistance/</a></p> <p>1)reading material-  <a href="https://www.bbc.co.uk/bitesize/guides/z3g8d2p/revision/5">https://www.bbc.co.uk/bitesize/guides/z3g8d2p/revision/5</a></p> <p>2)Simulation -  <a href="https://ophysics.com/em10.html">https://ophysics.com/em10.html</a>          &amp;  <a href="https://nationalmaglab.org/education/magnet-academy/watch-play/interactive/dc-motor">https://nationalmaglab.org/education/magnet-academy/watch-play/interactive/dc-motor</a></p>
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	<p>of changing the magnitude and direction of the current.</p> <ul style="list-style-type: none"><li>• State and use the relative directions of force, field and current.</li></ul>		
<b>Chemistry</b>	<p><b>Topic:</b> <b><u>Factors affecting rate of reaction</u></b></p> <ul style="list-style-type: none"><li>• To outline the effect of concentration, particle size, catalysts (including enzymes) and temperature on the rate of chemical reactions.</li></ul>	<ul style="list-style-type: none"><li>• Make an infographic poster to elaborate the various factors affecting the rate of a chemical reactions with suitable examples. Give the suitable methods of investigating rates.</li><li>• Research and write the uses or the applications of chemicals manufactured by Contact and Haber's process.</li><li>• Use the simulation link to summarise your understanding about Le Chateliers principle.</li></ul>	<p><a href="http://chemguide.co.uk">The Contact Process for the manufacture of sulphuric acid (chemguide.co.uk)</a></p> <p><a href="http://chemguide.co.uk">The Haber Process for the manufacture of ammonia (chemguide.co.uk)</a></p>

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	<p><b>Reversible reactions:</b></p> <ul style="list-style-type: none"> <li>To identify reversible reactions, and outline the characteristic features of reactions at equilibrium.</li> <li>To define Le Chatelier's principle and apply it to reactions at equilibrium.</li> <li>Elaborate the steps involved in Contact and Haber's process.</li> </ul>	<p><a href="http://www.mrpalermo.Com/virtual-lechateliers-principle.Html">Http://www.mrpalermo.Com/virtual-lechateliers-principle.Html</a>  <a href="https://www.learner.org/series/chemistry-challenges-and-solutions/control-a-haber-bosch-ammonia-plant/">https://www.learner.org/series/chemistry-challenges-and-solutions/control-a-haber-bosch-ammonia-plant/</a></p> <ul style="list-style-type: none"> <li>Write the steps involved in Contact and Haber's process for making sulphuric acid and ammonia.</li> </ul>	<p><a href="#">The Position of Equilibrium (3.3.3)   Edexcel IGCSE Chemistry Revision Notes 2019   Save My Exams</a></p> <p><a href="http://www.mrpalermo.Com/virtual-lechateliers-principle.Html">Http://www.mrpalermo.Com/virtual-lechateliers-principle.Html</a>  <a href="https://www.learner.org/series/chemistry-challenges-and-solutions/control-a-haber-bosch-ammonia-plant/">https://www.learner.org/series/chemistry-challenges-and-solutions/control-a-haber-bosch-ammonia-plant/</a></p>
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<p><b>Biology</b></p>	<p><b><u>Control and coordination</u></b></p> <ul style="list-style-type: none"> <li>Describe a simple reflex arc in terms of sensory, relay and motor neurons, stimulus and effector.</li> <li>Define sense organs as groups of receptor cells responding to specific stimuli: light, sound, touch, temperature and chemicals</li> <li>Describe the structure and function of the eye including accommodation and pupil reflex.</li> <li>Define sense organs as groups of receptor cells responding to specific stimuli:</li> </ul>	<ul style="list-style-type: none"> <li>Outline a schematic representation of a reflex arc.</li> <li>Explain how knee jerk reflex is an example of a reflex action.</li> <li>Create an infographic poster on various sense organs and its role as a receptor of stimulus.</li> <li>Compare the structure and function of the 3 different neurons.</li> <li>Create a simulation to explain synapse and the transmission of electrical impulse across.</li> <li>Plan an investigation to explain geotropism and phototropism.</li> <li>Compare the effectivity of hormonal and coordination by nervous system.</li> <li>Create a model to explain significance of auxin in geotropism and phototropism.</li> </ul>	<ul style="list-style-type: none"> <li><a href="https://www.toppr.com/ask/en-ae/question/draw-a-schematic-diagram-to-show-the-components-of-a-reflex-arc-use-arrows-to-indicate/">https://www.toppr.com/ask/en-ae/question/draw-a-schematic-diagram-to-show-the-components-of-a-reflex-arc-use-arrows-to-indicate/</a></li> <li><a href="https://redcliffelabs.com/myhealth/health/overall-health-health/what-are-the-five-sense-organs-their-functions-and-how-to-keep-them-healthy/">https://redcliffelabs.com/myhealth/health/overall-health-health/what-are-the-five-sense-organs-their-functions-and-how-to-keep-them-healthy/</a></li> <li><a href="https://www.savemyexams.com/a-level/psychology/aqa/17/revision-notes/6-biopsychology/6-1-the-nervous-system/6-1-2-the-structure--function-of-sensory-relay--motor-neurons/">https://www.savemyexams.com/a-level/psychology/aqa/17/revision-notes/6-biopsychology/6-1-the-nervous-system/6-1-2-the-structure--function-of-sensory-relay--motor-neurons/</a></li> </ul>
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	<p>light, sound, touch, temperature and chemicals</p> <ul style="list-style-type: none"><li>• Describe the structure and function of the eye including accommodation and pupil reflex</li><li>• Correlate the significance of synapse and types of neurotransmitters.</li></ul>		<ul style="list-style-type: none"><li>• <a href="https://discover.inspiritvr.com/biology/simulations/impulse-transmission-through-neurons">https://discover.inspiritvr.com/biology/simulations/impulse-transmission-through-neurons</a></li><li>• <a href="https://igcseaid.com/notes/co-ordinated-sciences-0654-2019-21/b9-5-tropic-responses/">https://igcseaid.com/notes/co-ordinated-sciences-0654-2019-21/b9-5-tropic-responses/</a></li><li>• <a href="https://www.nagwa.com/en/explainers/142193981979/">https://www.nagwa.com/en/explainers/142193981979/</a></li><li>• <a href="https://pmgbiology.com/tag/geotropism/">https://pmgbiology.com/tag/geotropism/</a></li><li>• <a href="https://www.bbc.com/bitesize/guides/ztjrng8/revision/3">https://www.bbc.com/bitesize/guides/ztjrng8/revision/3</a></li><li>• <a href="http://igbiologyy.blogspot.com/2014/03/89-accommodation-focusing-on-objects.html">http://igbiologyy.blogspot.com/2014/03/89-accommodation-focusing-on-objects.html</a></li></ul>
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<b>Food and Nutrition</b>	<p>Reasons for preserving food.</p> <p>Methods of preservation and an understanding of the principles involved.</p>	<p>Look at various food packages that you have at home and complete writing about the information present on the food labels</p> <p>You need to understand the difference between 'use by' and 'best before'.</p> <p>Use-by: These dates refer to safety. Food can be eaten up to the end of this date but not after even if it looks and smells fine.</p> <p>Best before: These dates refer to quality rather than food safety. Foods with a 'best before' date should be safe to eat after the 'best before' date, but they may no longer be at their best.</p>	<p><a href="http://www.bbc.co.uk/schools/gcsebite/size/science/add_gateway_pre_2011/greenworld/decayrev2.shtml">http://www.bbc.co.uk/schools/gcsebite/size/science/add_gateway_pre_2011/greenworld/decayrev2.shtml</a></p>
<b>Economics</b>	<p><b>Foreign Exchange Rate:</b> To distinguish between a fixed and a floating exchange rate system.</p>	<p><b>Research based task</b></p> <p>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.</p>	<p><a href="https://dineshbakshi.com/ocr-gcse-economics/international-trade/revision-notes/1528-exchange-rate">https://dineshbakshi.com/ocr-gcse-economics/international-trade/revision-notes/1528-exchange-rate</a></p>



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			<a href="https://www.tutor2u.net/economics/reference/exchange-rates-an-introduction">https://www.tutor2u.net/economics/reference/exchange-rates-an-introduction</a>
<b>Accounting</b>	<p><b><u>Accounts of Clubs and Societies:</u></b> To distinguish between receipts and payments account and income and expenditure accounts.</p>	<ul style="list-style-type: none"> <li>• Visit a non-trading organisation with your parents, find out what could be their main source of income.</li> <li>• Check the financial statements that the treasurer of a club may prepare at the end of the financial year.</li> <li>• Identify and explain the purpose of a receipt and payment account.</li> </ul>	<p><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></p>
<b>Business Studies</b>	To analyze how business deal with short-term cash flow problems.	<p>Cash Flow Problems at Metrorail:</p> <p>East Rand-based sinqobile equestrian security services were forced to take Metrorail to court to recover the money it owed. It lost the case, but the company has since managed to recoup R1.5m and has been promised the balance soon. We supply about 450 security guards to Metrorail, of which about 80 are mounted. So far, we have managed to feed the horses and pay the guards, sinqobile director Andries de</p>	<p><a href="https://www.tutor2u.net/business/reference/finance-causes-of-cash-flow-problems">https://www.tutor2u.net/business/reference/finance-causes-of-cash-flow-problems</a>  <a href="https://igcseaid.com/notes/business-studies-0450/5-2-cash-flow-forecasting-and-working-capital/">https://igcseaid.com/notes/business-studies-0450/5-2-cash-flow-forecasting-and-working-capital/</a>  <a href="http://www.dineshbakshi.com">www.dineshbakshi.com</a>  <a href="http://www.cie.org.uk">www.cie.org.uk</a></p>



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		<p>Klerk told the paper. Metrorail financial manager is quoted as saying that supplier payments were being delayed due to Metrorail experiencing cashflow challenges in meeting its financial obligations.</p> <p>Q1. How has the cashflow problem at Metrorail affected singobile?</p> <p>Q2. Why might the cash flow problem be worse for singobile than it is for Metrorail?</p> <p>Q3. How might singobile overcome its cash flow problem?</p>	
<b>Travel and Tourism</b>	<ul style="list-style-type: none"> <li>• Explain the importance of marketing to travel and tourism organizations.</li> <li>• Analyse the factors affecting the marketing activities</li> </ul>	<p>Research examples of tourism organisations that have benefitted from marketing activities/campaigns.</p> <p>Analyse the ways that the benefits are measured, example increase sales. An example can be seen with the Australia marketing campaign aimed at American tourists.</p> <p>Research one travel and tourism organisation (larger airline and airports can be good for this), for evidence of how they use the factors to their advantage, e.g. displaying industry</p>	<p><a href="https://www.tourism.australia.com/en/about/our-campaigns/dundee.html">https://www.tourism.australia.com/en/about/our-campaigns/dundee.html</a></p>



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	and importance of branding the destination and travel and tourism product and service.	awards on website pages and press releases about recent awards.	
<b>Sociology</b>	<b>Social Inequality: Stratification</b> To examine the importance / impact of social class in society	<ul style="list-style-type: none"> <li>• In <i>your own community / country</i>, what are visible signs of social class difference (housing, school quality, job opportunities, healthcare etc.)?</li> <li>• Write 100 words: Do you think social class has more positive or negative impacts overall in your society? Why?</li> <li>• Draw a two-column table. In the left column list <i>areas of life</i> (e.g. Education, Employment, Health, Housing, Political Voice, Social Mobility, Cultural Life).</li> </ul>	<a href="https://pmc.ncbi.nlm.nih.gov/articles/PMC5901394/?utm_source=chatgpt.com">https://pmc.ncbi.nlm.nih.gov/articles/PMC5901394/?utm_source=chatgpt.com</a> <a href="https://pressbooks.howardcc.edu/soci101/chapter/8-3-social-class-in-the-united-states/?utm_source=chatgpt.com">https://pressbooks.howardcc.edu/soci101/chapter/8-3-social-class-in-the-united-states/?utm_source=chatgpt.com</a>



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		<ul style="list-style-type: none"> <li>In the right column, for each area, write <b>two ways</b> in which social class can <b>positively</b> influence outcomes, and two ways it can be a <b>barrier</b>.</li> </ul>	
<b>Psychology</b>	<p><b>Eysenck’s biological explanation of criminality (1964)-</b>            To analyse the biological factors for criminal behavior.</p>	<p>Write 200 words answering:  <i>“To what extent is Eysenck’s theory a useful explanation of criminal behaviour?”</i>            Use evidence (supporting studies + criticisms).            End with a short conclusion weighing up usefulness vs limitations.</p>	<p><a href="https://www.simplypsychology.org/eysencks-theory-of-crime.html">https://www.simplypsychology.org/eysencks-theory-of-crime.html</a></p>
<b>History</b>	<p><b>Bolsheviks win the Civil War:</b>            To examine the reasons for the success of the Bolsheviks in the Civil War</p>	<p><i>“To what extent were military/leadership factors more important than political/social ones in the Bolsheviks’ victory in the Civil War?”</i>            Be sure to include both sides, use evidence, and reach a reasoned conclusion.</p>	<p>Civil War information and sources:  <a href="http://www.johndclare.net/Russ7.html">www.johndclare.net/Russ7.html</a></p>
<b>Environmental Management</b>	<p><b>The Atmosphere and Human activities-</b></p>	<p>Draw a simple labelled diagram of the <b>natural greenhouse effect</b> showing:</p>	<p><a href="https://climatekids.nasa.gov/greenhouse-effect/?utm_source=chatgpt.com">https://climatekids.nasa.gov/greenhouse-effect/?utm_source=chatgpt.com</a></p>



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	<p><b>Atmospheric pollution and its causes</b> To discuss the natural greenhouse effect</p>	<ul style="list-style-type: none"><li>○ Incoming solar radiation (sunlight).</li><li>○ Earth's surface absorbing heat.</li><li>○ Infrared radiation leaving the Earth.</li><li>○ Greenhouse gases (e.g., CO<sub>2</sub>, CH<sub>4</sub>, H<sub>2</sub>O) trapping some heat.</li><li>● Under your diagram, write a <b>short explanation (150–200 words)</b> describing:<ul style="list-style-type: none"><li>○ How the process works step by step.</li><li>○ Which gases are involved.</li><li>○ Why this effect is <i>natural and beneficial</i>.</li></ul></li></ul> <p><b>Reflection – Think Critically</b> <i>Answer: What might happen to Earth's climate if the greenhouse effect did not exist at all?</i></p> <ul style="list-style-type: none"><li>● <i>Answer: What happens if the greenhouse effect becomes too strong?</i></li></ul>	<p><a href="https://www.nationalgeographic.com/environment/article/greenhouse-effect">https://www.nationalgeographic.com/environment/article/greenhouse-effect</a></p>
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<b>ICT</b>	Theory: Audience Learning Objective: <ul style="list-style-type: none"><li>➤ To discuss Audience appreciation and software copy right.</li><li>➤ To analyse legal, ethical and cultural appreciation</li><li>➤ To describe Copy right laws.</li><li>➤ To evaluate the advantages and disadvantages of Internet policing.</li><li>➤ Practical: Web authoring</li></ul>	<ul style="list-style-type: none"><li>➤ Encourage your child to discuss different ways to cater to a target audience, create presentations on copy right laws, legal, ethical and cultural appreciation.</li><li>➤ Debate on “Should the Internet be Policed”</li><li>➤ Support your child to create webpages using Microsoft expression.</li><li>➤ Past paper practice</li></ul>	<a href="https://pastpapers.papacambridge.com/viewer/caie/igcse-ict0417-topical-past-papers-ict-0417-igcse-topical-2023-2023-audience-igcse-ict-0417-pdf">https://pastpapers.papacambridge.com/viewer/caie/igcse-ict0417-topical-past-papers-ict-0417-igcse-topical-2023-2023-audience-igcse-ict-0417-pdf</a>
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	<ul style="list-style-type: none"> <li>➤ Create HTML tags and CSS styles</li> </ul>		
<b>Computer Science</b>	<p>Topic: Types of software and interrupts</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> <li>➤ Evaluate the differences between system software and application software, including the role and core functions of an operating system, to analyze how they support overall system performance."</li> </ul>	<ul style="list-style-type: none"> <li>➤ A school upgrades its computers with the latest application software, but performance issues occur despite powerful hardware. Analyze how the operating system as system software might be causing the problem. Suggest and justify one solution to improve performance.</li> <li>➤ <b>Case Study:</b> You are using a laptop to edit a video while browsing the internet, when suddenly the printer sends a low-ink warning and an antivirus scan begins in the background. Analyze how the operating system, hardware, and firmware interact to keep all applications running smoothly. Evaluate the importance of interrupts in managing these</li> </ul>	<p><a href="https://www.savemyexams.com/igcse/computer-science/cie/23/revision-notes/4-software/types-of-software-and-interrupts/interrupts/">https://www.savemyexams.com/igcse/computer-science/cie/23/revision-notes/4-software/types-of-software-and-interrupts/interrupts/</a></p> <p><a href="https://www.computerscience.gcse.guru/theory/data-transmission">https://www.computerscience.gcse.guru/theory/data-transmission</a></p>



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	<ul style="list-style-type: none"> <li>➤ Critically examine how hardware, firmware, and the operating system work together to run application software, and assess the significance of interrupts in managing processes efficiently</li> </ul>	<p>simultaneous processes and suggest what could go wrong if the OS fails to handle them properly.</p>	
<p><b>Physical Education</b></p>	<ul style="list-style-type: none"> <li>• To learn the advantages and disadvantages of sponsorship.</li> <li>• To understand different forms of media.</li> </ul>	<ul style="list-style-type: none"> <li>• Task-1: List down the names of sponsors for some famous players for any games.</li> <li>• Task-2: Write down the advantages and disadvantages of sponsor ship to the sport and to the performer.</li> <li>• Task-3: Make a list of all sports programmes which are aired on radio in UAE.</li> </ul>	<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> </p>

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<b>Art</b>	E portfolio and completing the component one.	Students to start compiling the art and design E portfolio along with completing the component one.  Follow up on the feedback given.	<a href="http://www.studentartguide.com">www.studentartguide.com</a>
<b>French</b>	<ul style="list-style-type: none"> <li>• Notre environnement est en danger! (p136)</li> <li>• Le temps qu'il faut (138)</li> <li>• Les changement de climat (p142)</li> </ul>	<p><b>Writing:</b> Student is requested to write a blog about the solutions can be provided to protect the environment.</p> <p><b>Speaking:</b> Student is requested to make a podcast about the solutions can be provided to protect the environment.</p> <p><b>Listening:</b> A selected listening tasks about the same topic referring to the IGCSE syllabus.</p> <p><b>Reading:</b> A selected reading tasks about the same topic referring to the IGCSE syllabus.</p>	<p><a href="https://www.hellocarbo.com/blog/reduire/protger-l-environnement/">https://www.hellocarbo.com/blog/reduire/protger-l-environnement/</a>  <a href="https://institut-superieur-environnement.com/blog/top-10-des-gestes-simples-pour-protger-l-environnement/">https://institut-superieur-environnement.com/blog/top-10-des-gestes-simples-pour-protger-l-environnement/</a>  <a href="https://idverde.fr/actualites/10-actions-concretes-pour-protger-les-4-elements-de-lenvironnement/">https://idverde.fr/actualites/10-actions-concretes-pour-protger-les-4-elements-de-lenvironnement/</a></p>
<b>Arabic (Arabs)</b>	TOPIC  - صيغ المبالغة )	- عرض متضمنا اسم الفاعل - اسم المفعول - صيغ المبالغة ومناقشة الطلاب والاستماع إلى إجاباتهم وتقديم التصحيح والتغذية الراجعة للطلاب	<a href="https://dorar.net/arabia/1128/%D8%A7%D9%84%D9%85%D8%A8%D8%AD%D8%AB-">https://dorar.net/arabia/1128/%D8%A7%D9%84%D9%85%D8%A8%D8%AD%D8%AB-</a>

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	<p>Learning objectives:</p> <p>أن يميز الظواهر النحوية والصرفية .</p> <p>بين خبراته السابقة .</p> <p>* أن يوظف ما تعلمه من إنتاجه الشفوي والكتابة .</p> <p style="text-align: center;">TOPIC</p> <p>-اسما الزمان والمكان</p> <p>Learning objectives:</p> <p>* أن يعين اسمي الزمان والمكان في النصوص .</p> <p>* أن يعرب اسمي الزمان والمكان .</p>	<p>- تقسيم الطلاب إلى مجموعات وإعطاء كل مجموعة مهمة (قطعة نحو مشتملة على أعرب و استخراج أن يتدرب الطالب كيفية الإعراب واستخراج المشتقات من اسم فاعل واسم مفعول وصيغ مبالغة</p> <p>* يعين اسمي الزمان والمكان في النصوص .</p> <p>* يعرب اسمي الزمان والمكان .</p>	<p><a href="#">%D8%A7%D9%84%D8%AB%D8%A7%D9%86%D9%8A-</a></p> <p><a href="#">%D8%A7%D8%B3%D9%85%D8%A7-%D8%A7%D9%84%D8%B2%D9%85%D8%A7%D9%86-</a></p> <p><a href="#">%D9%88%D8%A7%D9%84%D9%85%D9%83%D8%A7%D9%86</a></p>
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<p><b>Islamic Education (Arabs)</b></p>	<p>TOPIC: سورة الكهف-9-18- قصة أصحاب القرية مراحل جمع القرآن</p> <p><b>Learning objectives:</b></p> <p>بنهاية الدرس يتوقع أن يكون الطالب قادرًا على:</p> <p>1- يفسر معاني المفردات القرآنية لـ "سورة" الكهف . 2- يستنتج القيم من قصة أصحاب الكهف يحلل أثر التضحية من أجل العقيدة.3- 1- يوضح مراحل جمع القرآن الكريم- 2- يقارن جهود أبي بكر الصديق وعثمان رضي الله عنهما في خدمة القرآن الكريم.</p>	<p>حلل كيف واجه أصحاب الكهف ظلم قومهم، وارتبط ذلك بمواقف تاريخية أو معاصرة لشباب وقفوا في وجه الظلم والفساد .</p> <p>اكتب مقالًا يوضح التضحيات التي قدمها أصحاب الكهف في سبيل الحفاظ على إيمانهم، وارتبطها بأمثلة من السيرة النبوية</p> <p>ناقش دور الشباب في التغيير والإصلاح كما ظهر في قصة أصحاب الكهف، وارتبطها بدور الشباب الإماراتي اليوم في خدمة المجتمع</p> <p>فسر كيف لجأ أصحاب الكهف إلى العزلة لحماية إيمانهم، ثم ناقش متى تكون العزلة حلًا إيجابيًا في حياة المسلم ومتى تكون سلبية .</p>	<p><a href="https://guran.ksu.edu.sa/tafseer/saadi/sura18-aya9.html?utm_source=chatgpt.com">https://guran.ksu.edu.sa/tafseer/saadi/sura18-aya9.html?utm_source=chatgpt.com</a></p> <p><a href="https://guran.ksu.edu.sa/tafseer/kather/sura18-aya9.html?utm_source=chatgpt.com">https://guran.ksu.edu.sa/tafseer/kather/sura18-aya9.html?utm_source=chatgpt.com</a></p> <p><a href="https://www.alukah.net?utm_source=chatgpt.com">https://www.alukah.net?utm_source=chatgpt.com</a></p> <p><a href="https://www.dorar.net/hadith?utm_source=chatgpt.com">https://www.dorar.net/hadith?utm_source=chatgpt.com</a></p> <p><a href="https://seraj-uae.com?utm_source=chatgpt.com">https://seraj-uae.com?utm_source=chatgpt.com</a></p> <p><a href="https://dorar.net?utm_source=chatgpt.com">https://dorar.net?utm_source=chatgpt.com</a></p>
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	<p>يبين دور أبي بكر رضي الله عنه -3 وعثمان بن عفان رضي الله عنه في خدمة القرآن الكريم</p>	<p>حلّل الحكمة من جعل الله نوم أصحاب الكهف طويلاً، وكيف يدل ذلك على قدرة الله في البعث والإحياء</p> <p>ابحث كيف جُمعت آيات القرآن في حياة النبي ﷺ، واربط ذلك بظاهرة (الحفظ والكتابة الحديثة) (مثل تطبيقات الهواتف</p> <p>.</p> <p>حلّل دوافع جمع القرآن في مصحف واحد بعد معركة اليمامة، وما الدروس المستفادة لمواجهة الأزمات المعاصرة</p> <p>.</p> <p>ابحث عن صفات زيد بن ثابت التي أهلته لمهمة جمع القرآن، واربطها بمهارات الباحث أو المدقق في عصرنا</p> <p>اكتب مقالاً: كيف يعزز تاريخ جمع القرآن قيمة التعاون والشورى وحل المشكلات في المجتمع الإسلامي؟</p>	<p><a href="https://www.dqc.gov.ae?utm_source=chatgpt.com">https://www.dqc.gov.ae?utm_source=chatgpt.com</a></p> <p><a href="https://www.alukah.net?utm_source=chatgpt.com">https://www.alukah.net?utm_source=chatgpt.com</a></p>
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<p><b>Islamic Education (Non Arabs)</b></p>	<p><b>1. Islamic Juristic Legal Schools (Madhahib)</b> <b>Learning Outcome:</b> By the end of this lesson, you will be able to identify the main Islamic juristic schools, explain their origins, and recognize their role in shaping Islamic law.</p> <p><b>2. Juristic Diversity and Disagreement (Ikhtilāf)</b> <b>Learning Outcome:</b> By the end of this lesson, you will be able to explain the causes of juristic diversity, understand the etiquette of disagreement, and appreciate how differences can enrich Islamic law.</p>	<p><b>Activity:</b> Divide students into four groups. Assign each group one of the four major schools (Hanafi, Maliki, Shafi'i, Hanbali). Each group prepares a short poster with key points: founder, historical context, main contributions. Then, groups do a "gallery walk" to learn from each other.</p> <p><b>Activity:</b> Present two different juristic opinions on a practical issue (e.g., raising hands in prayer, combining prayers). Ask students to role-play a respectful discussion between two scholars, highlighting the evidence and reasoning without attacking each other.</p>	<p><a href="https://fiqh.islamonline.net/en/the-four-juristic-schools-their-methodology/">https://fiqh.islamonline.net/en/the-four-juristic-schools-their-methodology/</a></p> <p><a href="chrome-extension://efaidnbmnnnibpcajpcglclefndmkaj/https://theislamicjournal.com/wp-content/uploads/2024/08/Islamic-Legal-Pluralism-International-Journal-of-Islam.pdf">chrome-extension://efaidnbmnnnibpcajpcglclefndmkaj/https://theislamicjournal.com/wp-content/uploads/2024/08/Islamic-Legal-Pluralism-International-Journal-of-Islam.pdf</a></p>
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<b>Moral Education</b>	Topic- What Types of Unethical Behaviour Exist in the Workplace  Learning Objectives: <ul style="list-style-type: none"><li>• To briefly describe at least two types of power relationships in the workplace.</li><li>• To identify five essential values that underpin ethical behaviour and anti-corruption.</li></ul>	Activities: <ul style="list-style-type: none"><li>• Encourage your child to create anagram on the relationships that exist in a workplace, group discussion, give examples of unethical behaviour existing in a workplace</li><li>• Make presentation on ethical ways to promote anti-corruption behaviour, self-reflection</li></ul>	<a href="https://www.cipd.org/en/knowledge/factsheets/ethics-role-hr-factsheet/#communicating-ethics">https://www.cipd.org/en/knowledge/factsheets/ethics-role-hr-factsheet/#communicating-ethics</a>
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