



**Aim High Study Progress Programme**  
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Area for learning	Focus	Activities	Useful Websites/Apps
<b>English 1<sup>st</sup> Language</b>	<ul style="list-style-type: none"><li>To enhance analytical skills of the student.</li><li>To enable learners to understand how writers create an effect.</li></ul>	<ul style="list-style-type: none"><li>Read 2 to 3 poems of a certain poet, genre or era from the given website.</li><li>Analyse the figurative language used.</li><li>State the central theme and the effect on the reader.</li><li>You can attempt a language analysis piece on the chosen poet.</li></ul>	<a href="http://www.poetryhunter.com">www.poetryhunter.com</a>
<b>English 2<sup>nd</sup> Language</b>	Article Writing  To develop article writing skills.	<ul style="list-style-type: none"><li>Choose a feature article and a persuasive article and analyse the components of the same through a brief summary and annotations.</li><li>Create a diagrammatic illustration distinguishing between the 2 types of articles mentioned above.</li></ul>	<a href="http://www.khaleejtimes.com">www.khaleejtimes.com</a> <a href="http://www.bbc.com">www.bbc.com</a>
<b>English Literature</b>	To enhance understanding of short story as a genre	<ul style="list-style-type: none"><li>Research on the features of short story as a genre.</li><li>How does it differ from a novel?</li><li>How does it affect the reader differently?</li></ul>	<a href="http://www.gutenberg.org">www.gutenberg.org</a>



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		<ul style="list-style-type: none"> <li>• What are the constraints and benefits of the genre?</li> <li>• Research on the famous short story writers of the 20<sup>th</sup> and 21<sup>st</sup> century</li> </ul>	
<b>Mathematics (Accelerated)</b>	<b>Differentiation</b> <b>Learning objective:</b> <ul style="list-style-type: none"> <li>• To calculate the gradient at two or more point on a curve.</li> <li>• To determine the coordinates of a point when the gradient is given</li> <li>• To apply differentiation to calculate the gradients and turning points</li> </ul> <b>Transformation</b> <ul style="list-style-type: none"> <li>• Topic: Transformation</li> </ul>	<p>Analyse and calculate the gradient at two or more points on the curve</p> <p>Sketch the graph for a curve that has three turning points for the given equation</p> $y = 18x^2 - x^4$ <p>For a given equation of a curve decide whether the turning point is a maximum or a minimum</p> <p>Create interactive foldable notes(lapbook) on transformations</p> <p>Create a transformation of Logos of cars seen in UAE.</p> <p>Research and explore the effects of applying various transformations to a shape</p>	<p><a href="https://www.youtube.com/watch?v=BcOPKQAZcn0">https://www.youtube.com/watch?v=BcOPKQAZcn0</a></p> <p><a href="https://www.youtube.com/watch?v=yhNKawQHBIk">https://www.youtube.com/watch?v=yhNKawQHBIk</a></p> <p><a href="https://www.youtube.com/watch?v=LhhfphnOsUY">https://www.youtube.com/watch?v=LhhfphnOsUY</a></p> <p><a href="https://www.youtube.com/watch?v=94DZjW_zKnE">https://www.youtube.com/watch?v=94DZjW_zKnE</a></p> <p><a href="https://www.youtube.com/watch?v=k8VimF7I5LI">https://www.youtube.com/watch?v=k8VimF7I5LI</a></p> <p><a href="https://www.youtube.com/watch?v=VKiMAV2N2Qg">https://www.youtube.com/watch?v=VKiMAV2N2Qg</a></p>



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	<p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>*To reflect, rotate, translate and enlarge shapes</li> <li>* To describe the transformations given the object and image</li> <li>*To perform different transformations on an object</li> <li>*To do the inverse of a transformation</li> </ul> <ul style="list-style-type: none"> <li>• To discriminate between the maximum and minimum points</li> </ul>	<p>A reflection puzzle. The left sandal is reflected across a line drawn between two points in the grid to make a right sandal. Can you move A and B to find the line of reflection?</p> <p>Play golf using transformation using mobile or PC's. Try to get the golf ball into the hole with the least number of moves</p>	<p><a href="https://www.youtube.com/watch?v=u6iFS6uI4_w">https://www.youtube.com/watch?v=u6iFS6uI4_w</a></p> <p><a href="https://mathsmadeeasy.co.uk/gcse-maths-revision/transformations-gcse-revision-and-worksheets/">https://mathsmadeeasy.co.uk/gcse-maths-revision/transformations-gcse-revision-and-worksheets/</a></p> <p><a href="https://www.onlinemathlearning.com/transformation-games.html">https://www.onlinemathlearning.com/transformation-games.html</a></p>
<p><b>Mathematics (Extended)</b></p>	<p><b>Variation Learning objective:</b></p> <ul style="list-style-type: none"> <li>•To express direct and inverse proportions algebraically</li> </ul>	<ul style="list-style-type: none"> <li>• Research and differentiate between variation and proportion.</li> <li>• Solve real-world problems involving powers and roots of two variables in direct or inverse variation</li> </ul>	<p><a href="https://www.youtube.com/watch?v=2az5r7yMRFg">https://www.youtube.com/watch?v=2az5r7yMRFg</a></p>



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	<ul style="list-style-type: none"> <li>To use direct/inverse variation to find unknown quantities</li> </ul> <p>To apply the concepts of direct and inverse variation to solve word problems and relate to the graphical representation</p> <p><b>Simultaneous Quadratic Equations</b></p> <p><b>Learning objective:</b></p> <ul style="list-style-type: none"> <li>To frame and solve linear and simultaneous equations from word problems.</li> <li>To frame and solve simultaneous equations involving one linear and one quadratic equation</li> </ul> <p><b>Sets and Venn Diagrams</b></p> <p><b>Learning objective:</b></p>	<ul style="list-style-type: none"> <li>Research on applications of quadratic simultaneous equations applicable to real life</li> <li>Frame equations to word problems given two quantities</li> <li>Make a glossary of different terms used in Sets and their notations. Add one example for each of those.</li> </ul> <p>Research on real-life application of sets and Venn diagrams.</p>	<p><a href="https://www.youtube.com/watch?v=FV76A7giDdU">https://www.youtube.com/watch?v=FV76A7giDdU</a></p> <p><a href="https://www.youtube.com/watch?v=s4dV4CRgbxc&amp;t=971s">https://www.youtube.com/watch?v=s4dV4CRgbxc&amp;t=971s</a></p> <p><a href="https://www.youtube.com/watch?v=s4dV4CRgbxc&amp;list=RDCMUCLJnnahpUYO2tOEcXe1mHA&amp;index=1">https://www.youtube.com/watch?v=s4dV4CRgbxc&amp;list=RDCMUCLJnnahpUYO2tOEcXe1mHA&amp;index=1</a></p> <p><a href="https://www.youtube.com/watch?v=gTBWy2bWiV8">https://www.youtube.com/watch?v=gTBWy2bWiV8</a></p> <p><a href="https://www.youtube.com/watch?v=Go7s_7Pmr44">https://www.youtube.com/watch?v=Go7s_7Pmr44</a></p> <p><a href="https://www.youtube.com/watch?v=p15_GD_Eks0">https://www.youtube.com/watch?v=p15_GD_Eks0</a></p> <p><a href="https://www.youtube.com/watch?v=dvgeR-DLvL4">https://www.youtube.com/watch?v=dvgeR-DLvL4</a></p>
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	<ul style="list-style-type: none"> <li>• Use set notation and Venn diagrams to describe sets and represent relationships between sets</li> </ul> <p>To describe the set notations by shading in Venn diagrams.</p> <ul style="list-style-type: none"> <li>• To apply Sets and Venn diagrams in practical situations by categorizing data.</li> </ul>		<p><a href="https://www.youtube.com/watch?v=XduDKpLwez4">https://www.youtube.com/watch?v=XduDKpLwez4</a></p> <p><a href="https://www.youtube.com/watch?v=RjvLjyHgCml">https://www.youtube.com/watch?v=RjvLjyHgCml</a></p> <p><a href="https://www.youtube.com/watch?v=QkOE3lZbKm8">https://www.youtube.com/watch?v=QkOE3lZbKm8</a></p>
<p><b>Mathematics - Statistic</b></p>	<p><b>TOPIC: Measures of central tendency – mode, median and mean</b></p> <p>Calculate the mean, mode and median for discrete data, continuous data. Describe the advantages and disadvantages of each</p>	<p>Practice Transformations of mean, mode and median will be simple scaling such as: Everyone in the class results were reduced by 5 marks: how would this effect the mean, mode and median?</p> <p>Discuss appropriateness and uses of geometric and weighted mean.</p> <p><a href="https://corporatefinanceinstitute.com/resources/knowledge/other/weighted-mean/">https://corporatefinanceinstitute.com/resources/knowledge/other/weighted-mean/</a></p>	<p><a href="https://www.mathsgenie.co.uk/mean-tables.html">https://www.mathsgenie.co.uk/mean-tables.html</a></p>



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	<p>measure of central tendency. Understand the effect of transformations on the mean, mode, median. Calculate the geometric mean and weighted mean. Calculate the range, quartiles, percentiles and interquartile range for discrete and continuous data, calculate the inter percentile range and inter decile range</p>	<p>Explain difference of range and interquartile range, difference between measures of dispersion with measures of centrality by quoting real life examples</p>	<p><a href="http://www.wbvsmaths.co.uk/index.php/higher-statistics/">http://www.wbvsmaths.co.uk/index.php/higher-statistics/</a></p> <p><a href="https://www.onlinemathlearning.com/percentile.html">https://www.onlinemathlearning.com/percentile.html</a></p>
<p><b>Physics</b></p>	<p><u>Waves</u> To distinguish between transverse and longitudinal waves. To describe wave motion with the help of wave fronts and</p>	<p>Research on :</p> <ul style="list-style-type: none"> <li>❖ Create a list of questions you would like to ask your teacher. Frame higher order questions using bloom's taxonomy.</li> <li>❖ Real life applications of Diffraction</li> </ul>	<p><a href="http://www.bbc.co.uk/schools/gcsebitesize/science/ocr_gateway/home_energy/introduction_to_wavesrev6.shtml">http://www.bbc.co.uk/schools/gcsebitesize/science/ocr_gateway/home_energy/introduction_to_wavesrev6.shtml</a></p>



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	<p>represent Reflection and Refraction with wave fronts. To describe Diffraction through a narrow gap. <u>Electromagnetic Spectrum</u> Analyse the main features of electromagnetic waves and describe the roles of the different types of em waves. <u>Sound</u> Describe an experiment to determine the speed of sound in air. Relate the loudness and pitch of sound wave to amplitude and frequency.</p>	<p>Research on:</p> <ul style="list-style-type: none"><li>❖ The applications of gamma radiations and how it is used in Medicine.</li><li>❖ Draw diagrams representing reflection, refraction and diffraction using wave fronts.</li></ul>	<p><a href="https://www.youtube.com/watch?v=7cDAYFTXq3E">https://www.youtube.com/watch?v=7cDAYFTXq3E</a></p> <p><a href="http://scienceprojectideasforkids.com/2010/sound-pitch-loudness/">http://scienceprojectideasforkids.com/2010/sound-pitch-loudness/</a></p> <p><a href="http://earthsky.org/space/what-is-the-electromagnetic-spectrum">http://earthsky.org/space/what-is-the-electromagnetic-spectrum</a> <a href="https://www.youtube.com/watch?v=J97YSCnU4KM">https://www.youtube.com/watch?v=J97YSCnU4KM</a></p>
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<p><b>Chemistry</b></p>	<p><b>TOPIC: METALS AND REACTIVITY SERIES:</b></p> <ul style="list-style-type: none"> <li>• Listing the general physical and chemical properties of metals</li> <li>• Describe the reactivity series as related to the tendency of a metal to form its positive ion</li> <li>• Account for the apparent un-reactivity of aluminium</li> <li>• <b>The Periodic Table:</b></li> <li>• To understand the concept underlying the arrangement of</li> </ul>	<ul style="list-style-type: none"> <li>• To carry out Experiments the reaction of metals/non-metals with oxygen and the reaction of metal oxides with carbon</li> <li>• To carry out reactions of metals with water, steam and dilute mineral acids</li> <li>• Students, in groups, research different alloys and their uses. The results to be presented on a poster.</li> <li>• Modelling a metallic structure using a shallow dish of water with detergent</li> <li>• Experiments based on Reaction of Calcium, magnesium with water; Magnesium, zinc with steam; Magnesium, zinc, iron with dilute hydrochloric acid.</li> </ul> <p><b>Activity 1:</b></p> <ul style="list-style-type: none"> <li>• Describe the relationship between group no., no. of valency electrons</li> </ul> <p><b>Activity 2:</b></p>	<ul style="list-style-type: none"> <li>• <a href="http://www.webelements.com/">www.webelements.com/</a></li> <li>• <a href="http://www.rsc.org/chemsoc/vi_sualelements/index.htm">www.rsc.org/chemsoc/vi_sualelements/index.htm</a></li> <li>• <a href="http://www.ptable.com/">www.ptable.com/</a></li> <li>• <a href="http://www.chemicool.com/">www.chemicool.com/</a></li> <li>• <a href="http://www.chem4kids.com/files/ele_m_noblegas.html">http://www.chem4kids.com/files/ele_m_noblegas.html</a></li> <li>• <a href="http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/fundamentals/theperiodictablerev1.shtml">http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/fundamentals/theperiodictablerev1.shtml</a></li> </ul>
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	<p>elements in the periodic table and explain the trends.</p> <ul style="list-style-type: none"><li>• Describe the general physical and chemical properties of metals.</li><li>• Describe the transition elements as metals that: (a) have high densities (b) have high melting points (c) form coloured compounds (d) often act as</li></ul>	<ul style="list-style-type: none"><li>• Students will draw an infographic poster on the different types of reactions along with with examples and their explanation</li></ul>	<ul style="list-style-type: none"><li>• <a href="https://schoolworkhelper.net/metals-chemical-physical-properties/">https://schoolworkhelper.net/metals-chemical-physical-properties/</a></li><li>• <a href="https://www.savemyexams.co.uk/notes/igcse-chemistry-cie-new/9-the-periodic-table/9-2-group-element-properties/9-2-2-transition-elements/">https://www.savemyexams.co.uk/notes/igcse-chemistry-cie-new/9-the-periodic-table/9-2-group-element-properties/9-2-2-transition-elements/</a></li></ul> <p><a href="https://www.youtube.com/watch?v=m0Uj7mSC6HU">https://www.youtube.com/watch?v=m0Uj7mSC6HU</a></p>
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	<p>catalysts as elements and in compounds</p> <p>Describe transition elements as having ions with variable oxidation numbers, including iron (II) and iron (III)</p>		
<b>Biology</b>	<p><b><u>Human nutrition</u></b></p> <ul style="list-style-type: none"><li>• To describe the alimentary process involved in digestion.</li><li>• To Describe the structure of human</li></ul>	<ul style="list-style-type: none"><li>• Make a report on the main sources of each type of nutrient in their own country and also compare how diets differ in other parts of the world.</li></ul>	<ul style="list-style-type: none"><li>➤ <a href="http://emedicine.medscape.com/article/1104623-overview">http://emedicine.medscape.com/article/1104623-overview</a></li><li>➤ <a href="https://www.youtube.com/watch?v=zoBLC_tn3f0">https://www.youtube.com/watch?v=zoBLC_tn3f0</a></li></ul>



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	<p>teeth, limited to enamel, dentine, pulp, nerves and cement, as well as the gums</p> <ul style="list-style-type: none"><li>• To Describe the proper care of teeth in terms of diet and regular brushing</li><li>• To describe significance of chemical digestion in the alimentary canal in producing small, soluble Molecules that can be absorbed.</li></ul>	<ul style="list-style-type: none"><li>• Conduct an experiment in your home showing the process of digestion (Banana sandwich experiment) and compare the ingredients with the parts of digestive system in your report.</li><li>• Conduct an experiment to show the effect of various food stuffs on your teeth.</li><li>• Students make a research on the diseases caused by indigestion of food or food allergies.</li></ul>	<ul style="list-style-type: none"><li>➤ <a href="https://youtu.be/aeml64NAK08">https://youtu.be/aeml64NAK08</a></li><li>➤ <a href="http://luvprek.blogspot.ae/2011/02/toothy-eggsperiment.html">http://luvprek.blogspot.ae/2011/02/toothy-eggsperiment.html</a></li><li>➤ <a href="https://youtu.be/15NXrnYt2HM">https://youtu.be/15NXrnYt2HM</a></li><li>➤ <a href="http://acaai.org/allergies/types/food-allergy">http://acaai.org/allergies/types/food-allergy</a></li></ul>
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	<ul style="list-style-type: none"> <li>To describe the roles of capillaries and lacteals in villi.</li> </ul>		
<b>Food and Nutrition</b>	<p>Sources and functions of the following <u>Nutritive value of foods</u>:</p> <ul style="list-style-type: none"> <li>proteins ,</li> <li>carbohydrates</li> <li>fats</li> <li>vitamins (A, C, D, E, K, B group – thiamin, riboflavin, nicotinic acid and cobalamin)</li> <li>mineral elements</li> </ul>	<p><u>The Nutrient Content of Food</u></p> <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 foods from magazines and sort into Nutrient groups. Paste them onto card and design a game, (eg, like snap or happy families) matching the name of the nutrients with the sources and function.</li> <li>Design an experiment to see what happens to vitamins when heat is applied.</li> </ul> <p>Adapt any recipe containing <u>carrot</u> to make something different keeping in mind to retain the nutritive value as much as possible.</p>	<p><a href="http://www.foodafactoflife.org.uk/">Food a fact of life website - http://www.foodafactoflife.org.uk/</a></p> <p><a href="https://www.gov.uk/government/publications/the-eatwell-guide">The Eatwell plate- https://www.gov.uk/government/publications/the-eatwell-guide</a></p> <p><a href="http://www.healthline.com/health/food-nutrition/six-essential-nutrients">Nutrients www.healthline.com/health/food-nutrition/six-essential-nutrients</a></p>



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	<p>(calcium, iron, phosphorous, potassium, sodium, fluoride, chloride, iodide)</p> <ul style="list-style-type: none"><li>• water</li><li>• Sources and uses of <u>food energy</u>.</li><li>• Sources and functions of <u>non-starch polysaccharide (NSP)/dietary fibre</u>.</li></ul>		<p><a href="http://www.nia.nih.gov/health/important-nutrients-know-proteins-carbohydrates-and-fats">www.nia.nih.gov/health/important-nutrients-know-proteins-carbohydrates-and-fats</a></p>
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<b>Economics</b>	<ul style="list-style-type: none"> <li>To research on the proportion primary/secondary and tertiary sector</li> <li>To research on merger examples, advantages and disadvantages of different types of mergers: horizontal, vertical, and conglomerate</li> </ul>	<ul style="list-style-type: none"> <li>Research on google and prepare a chart on proportion of primary/secondary and tertiary sector in their home country and UAE and analyse the impact on the economy.</li> <li>To research on various ways a firm can grow in size by critically evaluating any firms and analysing the type of merger. Prepare slide presentation on it to compare its advantages and disadvantages.</li> </ul>	<p><a href="https://www.investopedia.com/terms/s/sector.asp">https://www.investopedia.com/terms/s/sector.asp</a></p> <p><a href="https://www.investopedia.com/terms/m/merger.asp">https://www.investopedia.com/terms/m/merger.asp</a></p>
<b>Accounting</b>	<ul style="list-style-type: none"> <li>To introduce the concept of Depreciation, its need and effect in the financial statements.</li> </ul>	<ol style="list-style-type: none"> <li>1. Research on the type's assets, which are depreciated and analyse the reasons why assets lose its value over time.</li> <li>2. Evaluate how the accounting concepts are applied while depreciating the assets-Concepts include Matching, Prudence, Historic Cost, and Consistency.</li> </ol>	<p><a href="http://www.tutor2u.net">www.tutor2u.net</a></p> <p><a href="http://www.dineshbakshi.com">www.dineshbakshi.com</a></p> <p><a href="http://www.cie.org.uk">www.cie.org.uk</a></p>
<b>Business Studies</b>	<ul style="list-style-type: none"> <li>To discuss the important contributions of</li> </ul>	<ol style="list-style-type: none"> <li>1. Discuss the importance of the work of any two motivational theorists to improving the motivation of employees in a retail store.</li> </ol>	<p><a href="http://www.bized.uk.org">www.bized.uk.org</a></p> <p><a href="http://www.tutor2u.net">www.tutor2u.net</a></p> <p><a href="http://www.s-cool.net">www.s-cool.net</a></p>



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	<p>motivational theorists and their relevance to businesses today.</p> <ul style="list-style-type: none"> <li>To understand the different methods used to motivate workers in practical business situations.</li> </ul>	<p>2. Explain how the principles of job enrichment could be introduced into this business to help staff achieve 'self-actualisation'?</p> <p>Analyse the extent to which it might be possible for large firms to use Herzberg's motivators to improve the level of worker motivation.</p>	<p><a href="http://www.dineshbakshi.com">www.dineshbakshi.com</a></p>
<b>Travel and Tourism</b>	<p>To analyse the positive and negative sociocultural impact of tourism on destination.</p>	<p>Research on these following destinations and write a detailed report on positive and negative impact of tourism activities on these destination</p> <ul style="list-style-type: none"> <li>Bali</li> <li>Cambodia</li> <li>Malta</li> </ul>	<p><a href="https://youtu.be/SOHPbcvayuk">https://youtu.be/SOHPbcvayuk</a></p>
<b>Sociology</b>	<p>Education</p>	<p>Complete a research, e.g. to find out why males and females are choosing different school subjects. You need to design a questionnaire and administer in small groups to a stratified sample of learners and create a report drawing conclusions</p>	<p>Sociology text book;  <a href="https://www.thesociologyteacher.com/education-sociology-revision">https://www.thesociologyteacher.com/education-sociology-revision</a> ;</p>

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		from this research then written or filmed. Presenting results in data form might be a useful activity.	<a href="https://revisesociology.com/sociology-education-revise/">https://revisesociology.com/sociology-education-revise/</a>
<b>Psychology</b>	<b>Psychological Problems:</b>	Create a presentation on the factors responsible for unipolar depression.	Psychology text book, <a href="https://www.medicalnewstoday.com/articles/unipolar-depression">https://www.medicalnewstoday.com/articles/unipolar-depression</a> ; <a href="https://www.psychologywizard.net/depression-ao1-ao2.html">https://www.psychologywizard.net/depression-ao1-ao2.html</a>
<b>Geography</b>	OS Map Interpretation	Download an OS Map and practice how to find out grid reference, measure curved distances and create cross sections.	<a href="https://www.slideshare.net/georgedumitrache399/geography-igcse-map-skills">https://www.slideshare.net/georgedumitrache399/geography-igcse-map-skills</a> <a href="https://kisigcsegeography.wordpress.com/maps-and-other-geographical-skills/">https://kisigcsegeography.wordpress.com/maps-and-other-geographical-skills/</a>
<b>History</b>	<b>Depth Study: Russia</b>	<b>Create a presentation on the impact of 1905 revolution on Tsarist rule in Russia.</b>	History text book; <a href="https://alphahistory.com/russian-revolution/1905-revolution/">https://alphahistory.com/russian-revolution/1905-revolution/</a>





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<b>Environmental Management</b>	Agriculture	Create a mindmap / research report on various techniques used to increase agricultural yields.	EVM text book; <a href="https://studymind.co.uk/notes/farming-techniques/">https://studymind.co.uk/notes/farming-techniques/</a> ; <a href="https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/crop-yields-increase">https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/crop-yields-increase</a>
<b>ICT</b>	<b>Topic:</b> Data Analysis <b>Lesson Objective:</b> To create a data model using MS. Excel, and explore entering formulas, sort data and format cells. To analyse the spreadsheet and implement conditional functions(IF/SUMIF/COUNTIF/LookUP)	Microsoft Excel is a spreadsheet program used to store and retrieve numerical data in a grid format of columns and rows. Excel is ideal for entering, calculating and analysing company data such as sales figures, sales taxes or commissions. Encourage the student to: <ul style="list-style-type: none"> <li>• Create the layout for spreadsheet data model</li> <li>• Enter formulae and simple function in spreadsheets</li> <li>• Manipulate the data</li> <li>• Test the data model</li> <li>• Sort the data model</li> <li>• Change the display and the format of cells</li> </ul>	<a href="https://www.udemy.com/excel-quickstart/">https://www.udemy.com/excel-quickstart/</a>  <a href="https://youtu.be/XL3RuWfu41E">https://youtu.be/XL3RuWfu41E</a>



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		<ul style="list-style-type: none"> <li>• Change the size of row and column</li> </ul> <p>Adjust the page orientation</p>	
<b>Computer Science</b>	<p><b>Topic:</b> Algorithm and Problem Solving</p> <p><b>Lesson Objective:</b> To use different methods like flowcharts or pseudocode, to design and construct a solution to a problem. To explain the need for validation checks to be made on input data and the different types of validation check. To suggest and apply suitable test data</p>	<ul style="list-style-type: none"> <li>• Design and develop flowchart and pseudocode to solve a given problem</li> <li>• Describing the processes involved in an algorithm</li> <li>• Detect errors in a given pseudocode</li> <li>• Describe the purpose of the following validation checks – range check, length check, type check, presence check, format check, check digit</li> <li>• Explain use of normal, abnormal, extreme and boundary test data to test a given algorithm.</li> </ul>	<p><a href="https://www.bbc.co.uk/bitesize/guides/zb33rwx/revision/8">https://www.bbc.co.uk/bitesize/guides/zb33rwx/revision/8</a></p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zd9cy9q/revision/1">https://www.bbc.co.uk/bitesize/guides/zd9cy9q/revision/1</a></p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zbssv9q/revision/2">https://www.bbc.co.uk/bitesize/guides/zbssv9q/revision/2</a></p>

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<p><b>Physical Education</b></p>	<ul style="list-style-type: none"> <li>To learn about types of muscle contractions.</li> <li>To know the difference between open skill and closed skill.</li> </ul>	<ul style="list-style-type: none"> <li>Find out the difference between isometric and isotonic contractions and write the examples.</li> <li>Write the difference between open skill and closed skill.</li> <li>Think of some skills in sports and place them on to the continuum.</li> </ul> <p>Eg. Tennis serve ◦ Saving a goal in hockey ◦ Front crawl (open or closed skill)</p>	<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.innerbody.com">www.innerbody.com</a>  <a href="http://www.physicaleducation.co.uk">www.physicaleducation.co.uk</a></p>
<p><b>Art</b></p>	<p>To develop an ability to identify and solve problems in visual creativity.</p> <p><b>Be Reflective in</b> recording ideas and critically evaluating work as they continually review, refine and adapt in the composition.</p>	<p>To effectively use a wide range of resources and use the information to develop their practice</p> <ul style="list-style-type: none"> <li>make personal investigations</li> <li>apply a range of skills to produce art and design work</li> </ul>	<p><a href="http://www.studentartguide.com">www.studentartguide.com</a></p>

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<p><b>French</b></p>	<ul style="list-style-type: none"> <li>• Aïe, j'ai mal</li> <li>• Chez le médecin</li> <li>• Comment rester en forme</li> <li>• Une vie saine</li> <li>▪ "avoir mal..."</li> <li>▪ L'interrogation</li> <li>▪ La négation</li> <li>• Les adverbes de fréquence</li> </ul>	<p><b><u>Writing :</u></b> Students to make a dialogue when they need to describe where it hurts and to stay healthy by following a healthy life style.</p> <p><b><u>Speaking :</u></b> Students to make a podcast/dialogue when they need to describe where it hurts and to stay healthy by following a healthy life style.</p> <p><b><u>Reading :</u></b> Students will explore many reading resources on the same topic : how to express your feeling when you feel pain and how to stay healthy.</p> <p><b><u>Listening :</u></b> Students will explore many Listening resources on the same topic : how to express your feeling when you feel pain and how to stay healthy.</p>	<p><a href="https://apprendre.tv5monde.com/fr/aides/grammaire-avoir-mal">https://apprendre.tv5monde.com/fr/aides/grammaire-avoir-mal</a></p> <p><a href="https://www.la-vie-en-francais.com/exprimer-ses-symptomes-quand-on-est-malade-en-francais/">https://www.la-vie-en-francais.com/exprimer-ses-symptomes-quand-on-est-malade-en-francais/</a></p> <p><a href="https://www.pharmaciengiphar.com/bien-etre/garder-forme/10-conseils-pour-etre-en-forme">https://www.pharmaciengiphar.com/bien-etre/garder-forme/10-conseils-pour-etre-en-forme</a></p> <p><a href="https://fr.wikihow.com/avoir-une-vie-saine">https://fr.wikihow.com/avoir-une-vie-saine</a></p> <p><a href="https://elearning.unimib.it/pluginfile.php/615495/course/section/139239/GRAMMAIRE%20-%20LA%20N%C3%89GATION%20-%20L'INTERROGATION%201.pdf">https://elearning.unimib.it/pluginfile.php/615495/course/section/139239/GRAMMAIRE%20-%20LA%20N%C3%89GATION%20-%20L'INTERROGATION%201.pdf</a></p>
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<b>Arabic (Arabs)</b>	<p>- سورة القلم أنا من بدل بالكتب الصحابا أسلوب الاختصاص الطباق والمقابلة</p>	<p>يفسر معاني المفردات من خلال السياق القرآني يلخص قصة أصحاب الجنة يدلل على تقنية السرد والوصف والحوار من النص يحدد فكرة الأبيات والأفكار الداعمة يدلل على فكرة الأبيات من الألفاظ والتراكيب والصور يوضح مفهوم أسلوب الاختصاص يدلل على أسلوب الاختصاص بالشواهد يميز بين الطباق والمقابلة يدلل على الطباق والمقابلة بالشواهد الشعرية والقرآنية</p>	<p><a href="https://www.youtube.com/watch?v=yuOdtfltAwg">https://www.youtube.com/watch?v=yuOdtfltAwg</a> <a href="https://www.youtube.com/watch?v=ChyRCd-65hA">https://www.youtube.com/watch?v=ChyRCd-65hA</a> <a href="https://www.youtube.com/watch?v=1Y7Mvb5_kP4">https://www.youtube.com/watch?v=1Y7Mvb5_kP4</a> <a href="https://www.youtube.com/watch?v=27RieTTW-vA">https://www.youtube.com/watch?v=27RieTTW-vA</a></p>
<b>Arabic (Non-Arabs)</b>	<p>الهواتف الذكية الطاقة</p> <p>- أن يحلل التلاميذ الحوار تحليلاً لغوياً وأدبياً - أن يستنتج التلاميذ الأفكار الرئيسية والداعمة - أن يحدد التلاميذ عناصر القصة</p>	<p><b>The students can create descriptive writing about the energy</b> <b>the students can design banners about the importance and the sources of energy</b> <b>the students can write comparisons between the benefits and the defaults of using smart phones.</b> <b>the students can list the benefits of the smartphones</b></p>	<p><a href="https://www.youtube.com/watch?v=mAevY1UUB-k">https://www.youtube.com/watch?v=mAevY1UUB-k</a> <a href="https://www.youtube.com/watch?v=z0a8Cz08-OA">https://www.youtube.com/watch?v=z0a8Cz08-OA</a> <a href="https://www.youtube.com/watch?v=z0a8Cz08-OA">https://www.youtube.com/watch?v=z0a8Cz08-OA</a></p>

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	<p>- أن يقيم التلاميذ تأثير الهواتف الذكية</p> <p>أن ينشئ التلاميذ نصاً وصفيّاً عن الطاقة</p>		
<b>Islamic Education (Arabs)</b>	<p>صاحب الجنّتين</p> <p>السنة النبوية</p> <p>آداب اللباس</p>	<p>يفسر مفردات الآيات من سورة الكهف</p> <p>يلخص قصة صاحب الجنّتين</p> <p>يبين مكانة السنة من التشريع</p> <p>يوضح مواقف السنة من القرآن الكريم</p> <p>يحدد ما يحل من اللباس والزينة للرجل والمرأة</p> <p>يستنتج أهمية الاقتصاد في اللباس والزينة</p>	<p><a href="https://www.youtube.com/watch?v=6CyTPYtbtYs&amp;t=76s">https://www.youtube.com/watch?v=6CyTPYtbtYs&amp;t=76s</a></p> <p><a href="https://www.youtube.com/watch?v=QqDiS6ZhGRo">https://www.youtube.com/watch?v=QqDiS6ZhGRo</a></p> <p><a href="https://www.youtube.com/watch?v=qBIEMIEBBek">https://www.youtube.com/watch?v=qBIEMIEBBek</a></p>



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<p><b>Islamic Education (Non Arabs)</b></p>	<p><b><u>The Prophet's, peace be upon him, Methodology in Da'wah</u></b></p> <p>Identify the concept of the Prophet's methodology in Da'wah.</p> <p>Explain the characteristics of the Prophet's methodology in Da'wah.</p> <p>Mention the styles of the Prophet's methodology in Da'wah.</p> <p><b>Human Development in Islam.</b></p>	<p>Students will search and learn what our prophet's Methodology in Dawaa was and design a mind map on that.</p> <p>Write a script of a play on human development in Islam, and succession of man on Earth</p>	<p><a href="https://www.youtube.com/watch?v=FXdvdRmGchE">https://www.youtube.com/watch?v=FXdvdRmGchE</a></p> <p><a href="https://www.youtube.com/watch?v=-rIBc4I7_pg&amp;ab_channel=MuftiMenk">https://www.youtube.com/watch?v=-rIBc4I7_pg&amp;ab_channel=MuftiMenk</a></p> <p><a href="https://www.youtube.com/watch?v=zd-rKtbXZWg">https://www.youtube.com/watch?v=zd-rKtbXZWg</a></p>
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	<ul style="list-style-type: none"><li>• To elucidate the concept of human development in Islam ( By referencing Quran &amp; ahadeeth)</li><li>• To analyze the characteristics of human development.( by referencing Seerah of Prophet (P.B.U.H) &amp; Quran)</li><li>• To evaluate the impact of a balanced character on society. ( by giving examples from real lives and Hadeeth)</li></ul>		
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<b>Moral Education</b>	Being an Active Citizen <ul style="list-style-type: none"><li>• To develop and apply the competencies required to be active citizens.</li><li>• To make positive contribution to communities and societies</li><li>• To positively demonstrate leadership and good teamwork.</li></ul>	Answer the following questions below: <ul style="list-style-type: none"><li>• What sort of things would an active citizen do in the community?</li><li>• What sort of things could someone do to demonstrate civic engagement?</li><li>• Why civic engagement matters?</li><li>• In what way can participating civic engagement activities provide young people in the UAE with an opportunity to learn more about in the UAE?</li></ul>	<a href="https://active-citizens.britishcouncil.org/about">https://active-citizens.britishcouncil.org/about</a>
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