

LEARNING TRAILS (DISTANCE LEARNING)

Grade: 10

Date: 26th to 30th April,2020

Subjects	Learning Outcomes	ASSIGNMENTS AND ASSESSMENTS (Projects/Mini-projects, Extended Learning, Research work, Investigative tasks etc.)
<p>English Language</p> <p>UNIT: Reading and writing</p> <p>LESSON:</p> <ul style="list-style-type: none"> • Reading Comprehension • Note taking • Multiple matching and summary writing 	<p>Identify relevant information and select appropriate details from the reading passage using reading techniques – To write them in .Skimming and Scanning not more than 8 word; to use phrases and punctuation and spelling ,to check grammar</p>	<p>Task sheets – Past Papers</p>
<p>Math</p> <p>UNIT: NUMBER, ALGEBRA, MENSURATION</p> <p>LESSON: Accuracy and Bounds, Sets and Venn diagrams</p>	<ul style="list-style-type: none"> • To round numbers to a specified accuracy of 10, 100 or 1000 • To recognise both the upper and lower bounds for a variety of numbers • To round numbers to a specified accuracy of a whole number, or to one, two or three decimal places • Understand how to use Venn diagrams to classify objects and interpret Venn diagrams • Understand more complex notation associated with Venn diagrams, the empty 	<ul style="list-style-type: none"> • Task sheets • QUIZ 9 (IGCSE) • QUIZ 10 (IGCSE)

	<p>set and subsets</p> <ul style="list-style-type: none"> To Draw and use Venn diagrams to solve a range of problems. 	
<p>Physics</p> <p>UNIT: Waves</p> <p>LESSON: General Wave properties</p> <p>Light</p> <p>Electromagnetic spectrum</p> <p>Sound</p>	<ul style="list-style-type: none"> Describe the formation of an optical image by a plane mirror, and give its characteristics Describe an experimental demonstration of the refraction of light Describe an experimental demonstration of the refraction of light Describe different types of waves Relate the loudness and pitch of sound waves to amplitude and frequency 	<ul style="list-style-type: none"> Quiz 9 (General Wave properties) Quiz 10 (Light) Quiz 11 (Electromagnetic spectrum) Quiz 12 (Sound) Live classes Discussions
<p>Chemistry</p> <p>UNIT: Energy Changes</p> <p>LESSON: Energy changes in reactions</p>	<ul style="list-style-type: none"> Identify the type of reactions (exothermic/Endothermic) Calculate the energy changes using bond energies. Will be able to draw energy level diagrams 	<ul style="list-style-type: none"> Chemical Change revision summary (live Class) Multiple choice question (Past Paper) Online assessment using Link http://www.docbrown.info/page03/3_51energy/3_51energyQ.htm
<p>Biology</p> <p>UNIT: 10.1</p> <p>LESSON: Diseases and immunity continued</p> <p>Extended Learning : Spread of Corona Virus and its effects</p>	<p>Explain the role of vaccination in controlling the spread of diseases</p> <p>Explain that passive immunity is short-term defence against a pathogen by antibodies acquired from another individual, e.g. mother to infant</p> <p>State that memory cells are not produced in passive immunity</p>	<p>Power point video embedded</p> <p>Live Teaching</p> <p>Session recorded and shared with learners</p> <p>Discussion tool</p> <p>Collaboration tool</p> <p>Feedback</p> <p>Assignment and grading</p> <p>Learning from real life connections</p>

<p>Information & Communication Technology (ICT)</p> <p>UNIT : Presentations</p> <p>LESSON: Create a Presentation by using the given data</p>	<ul style="list-style-type: none"> • Apply the knowledge and create master slide • Construct a presentation by using the given data. • Features of a master slide 	<p>ASSESSMENT</p> <ul style="list-style-type: none"> ✓Quiz: on Presentation & PowerPoint ✓Live teaching. ✓Assignment and grading on: Presentation software. ✓Test on: Presentation (Time bounded)
<p>Economics</p> <p>UNIT: 47, 50 and 51</p> <p>LESSON: The structure of balance of payments</p> <p>Exchange rate</p> <p>Changes in exchange rate</p>	<p>To describe the components of the current account of the balance of payments</p> <p>To analyze the causes of current deficits and surpluses</p> <p>To analyze the consequences of current account deficits and surpluses</p> <p>To distinguish between a fixed and a floating exchange rate</p> <p>To analyze the effects of foreign exchange rate fluctuations</p> <p>To analyze the causes of foreign exchange fluctuations</p> <p>To discuss the advantages and disadvantages of floating and fixed exchange rates</p>	<p>Live teaching</p> <p>PPT</p> <p>Task sheets for Practice- past paper questions – MCQ and structured part questions</p> <p>Online quiz</p> <p>Discussion tool</p> <p>Feed back</p> <p>Assignment and grading</p>
<p>Business Studies</p> <p>UNIT: MARKETING</p> <p>LESSON: Marketing Mix</p>	<p>To revise and recall various elements of Marketing mix</p> <p>To revise and recall various pricing strategies and their use in various business situations</p>	<p>Live teaching</p> <p>PPT</p> <p>Online quiz</p> <p>Discussion tool</p> <p>Feed back</p> <p>Assignment and grading</p> <p>Essential Case studies</p> <p>Essential essays</p>
<p>Accounting</p>	<p>To revise the preparation of financial statements of different business</p>	<p>Live teaching</p>



UNIT: Financial statements LESSON: Manufacturing account ,Partnership,Accounts of clubs and societies	To arrive at the profit/loss for the year	Quiz-MS Forms Practise questions Feed back Assessment and grading-Feedback
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Class Teacher: _____



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