

**LEARNING TRAILS (DISTANCE LEARNING)**

Grade: 10

Date: 26<sup>th</sup> to 30<sup>th</sup> April, 2020

| Subjects   | Learning Outcomes  | ASSIGNMENTS AND ASSESSMENTS<br>(Projects/Mini-projects, Extended Learning, Research work, Investigative tasks etc.)  |
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| <p><b>English Language</b></p> <p>UNIT: Reading and writing</p> <p>LESSON:</p> <ul style="list-style-type: none"> <li>• Reading Comprehension</li> <li>• Note taking</li> <li>• Multiple matching and summary writing</li> </ul> | <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><b>Math</b></p> <p>UNIT: NUMBER, ALGEBRA, MENSURATION</p> <p>LESSON: Accuracy and Bounds, Sets and Venn diagrams</p>  | <ul style="list-style-type: none"> <li>• To round numbers to a specified accuracy of 10, 100 or 1000</li> <li>• To recognise both the upper and lower bounds for a variety of numbers</li> <li>• To round numbers to a specified accuracy of a whole number, or to one, two or three decimal places</li> <li>• Understand how to use Venn diagrams to classify objects and interpret Venn diagrams</li> <li>• Understand more complex notation associated with Venn diagrams, the empty</li> </ul> | <ul style="list-style-type: none"> <li>• Task sheets</li> <li>• QUIZ 9 (IGCSE)</li> <li>• QUIZ 10 (IGCSE)</li> </ul> |

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|  | <p>set and subsets</p> <ul style="list-style-type: none"> <li>To Draw and use Venn diagrams to solve a range of problems.</li> </ul>   |  |
| <p><b>Physics</b></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"> <li>Describe the formation of an optical image by a plane mirror, and give its characteristics</li> <li>Describe an experimental demonstration of the refraction of light</li> <li>Describe an experimental demonstration of the refraction of light</li> <li>Describe different types of waves</li> <li>Relate the loudness and pitch of sound waves to amplitude and frequency</li> </ul> | <ul style="list-style-type: none"> <li>Quiz 9 (General Wave properties)</li> <li>Quiz 10 (Light)</li> <li>Quiz 11 (Electromagnetic spectrum)</li> <li>Quiz 12 (Sound)</li> <li>Live classes</li> <li>Discussions</li> </ul>  |
| <p><b>Chemistry</b></p> <p>UNIT: Energy Changes</p> <p>LESSON: Energy changes in reactions</p>   | <ul style="list-style-type: none"> <li><b>Identify the type of reactions (exothermic/Endothermic)</b></li> <li><b>Calculate the energy changes using bond energies.</b></li> <li><b>Will be able to draw energy level diagrams</b></li> </ul>  | <ul style="list-style-type: none"> <li>Chemical Change revision summary (live Class)</li> <li>Multiple choice question (Past Paper)</li> <li>Online assessment using Link<br/><a href="http://www.docbrown.info/page03/3_51energy/3_51energyQ.htm">http://www.docbrown.info/page03/3_51energy/3_51energyQ.htm</a></li> </ul> |
| <p><b>Biology</b></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>  |

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| <p><b>Information &amp; Communication Technology (ICT)</b></p> <p>UNIT : Presentations</p> <p>LESSON: Create a Presentation by using the given data</p>     | <ul style="list-style-type: none"> <li>• Apply the knowledge and create master slide</li> <li>• Construct a presentation by using the given data.</li> <li>• Features of a master slide</li> </ul>   | <p><b>ASSESSMENT</b></p> <ul style="list-style-type: none"> <li>✓Quiz: on Presentation &amp; PowerPoint</li> <li>✓Live teaching.</li> <li>✓Assignment and grading on: Presentation software.</li> <li>✓Test on: Presentation (Time bounded)</li> </ul> |
| <p><b>Economics</b></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><b>Business Studies</b></p> <p>UNIT: MARKETING</p> <p>LESSON: Marketing Mix</p>  | <p><b>To revise and recall various elements of Marketing mix</b></p> <p><b>To revise and recall various pricing strategies and their use in various business situations</b></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><b>Accounting</b></p>  | <p><b>To revise the preparation of financial statements of different business</b></p>  | <p>Live teaching</p>   |



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



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