

## LEARNING TRAILS

Grade: 11

Date: Week 9 – 24th to 28th October 2021

| SUBJECTS   | LESSONS AND CONCEPTS   | LEARNING OBJECTIVES  | ASSIGNMENTS AND ASSESSMENT   |
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| <b>ARABIC LANGUAGE _ ARABS</b><br><br><b>UNIT: 1</b><br><br><b>LESSON اسم التفضيل</b>  | <ul style="list-style-type: none"> <li>اسم التفضيل</li> <li>صياغة اسم التفضيل</li> <li></li> </ul>                         | <ul style="list-style-type: none"> <li>أن يتعرف على اسم التفضيل</li> <li>أن يصوغ اسم التفضيل صياغة صحيحة</li> <li>أن يوظف اسم التفضيل في جمل من إنشائه</li> </ul>  | <ul style="list-style-type: none"> <li>أسئلة الكتاب</li> <li>أسئلة العرض التقديمي</li> <li>أوراق العمل</li> <li>اختبار الكتروني</li> </ul>                                       |
| <b>ARABIC LANGUAGE_ GENERAL HG</b><br><br><b>UNIT: 2</b><br><br><b>LESSON</b>          | <ul style="list-style-type: none"> <li>معرض إكسبو</li> </ul>   | <ul style="list-style-type: none"> <li>ستمع ويفهم المعنى الكلي لنصوص معقدة في موضوعات وصفية وفكرية</li> <li>ينتج حديثاً متصلاً باستخدام تنعيم وإيقاع صحيحين</li> <li>يتفاعل بسهولة ومهارة في مجموعة من السياقات</li> <li>يكتب ويحافظ على الدقة في التراكم اللغوية عند الكتابة</li> <li></li> </ul> | <ul style="list-style-type: none"> <li>العروض التقديمية الأنشطة</li> <li>أوراق العمل حل التدريبات في كتاب التلميذ التصويب والتشجيع</li> <li>التغذية الراجعة</li> <li></li> </ul> |
| <b>ISLAMIC STUDIES_ ARABS</b><br><br><b>UNIT:2</b><br><br><b>LESSON : غزوة الأحزاب</b> | <ul style="list-style-type: none"> <li>تلاوة الآيات</li> <li>التجويد أحكام</li> <li>تفسير الآيات</li> </ul>                | <ul style="list-style-type: none"> <li>أن يستمع للآيات الكريمة مراعي أحكام التجويد</li> <li>أن يفسر مفردات الآيات الكريمة</li> <li>أن يبيّن بعض أحكام الآيات الكريمة</li> <li>أن يوضح دلالة الآيات الكريمة</li> <li></li> </ul>  | <ul style="list-style-type: none"> <li>حفظ الآيات الكريمة</li> <li>حفظ معاني الكلمات الجديدة</li> <li>مراجعة البوربوينت</li> <li>حل ورقة عمل التغذية</li> <li></li> </ul>        |
| <b>ISLAMIC STUDIES – ENGLISH</b>   | <p>Make presentation on the Life of Prophet SAW in Madinah after Prophethood.</p> <p>Explain the meaning of the verses</p> | <ul style="list-style-type: none"> <li>Acquisition (, Watch, Learn)</li> <li>Learning from Practice</li> </ul>   | <ul style="list-style-type: none"> <li>Online &amp; Direct quiz</li> <li>Video</li> <li>Power Point</li> </ul>   |

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| <p><b>UNIT: two</b></p> <p><b>LESSON: one</b></p> <p><b>Surah ahzab</b></p>                             | <p>Describe the story of the verses</p> <p>Explain the themes and importance of the surah</p>  | <ul style="list-style-type: none"> <li>• Learning from discussion</li> <li>• Learning from real life connection/ subject integration/</li> <li>• MEP integration</li> <li>• Power point video embedded</li> <li>• Live Teaching</li> <li>• Task sheets for practice</li> <li>• Discussion tool</li> </ul> | <p>Presentations</p> <ul style="list-style-type: none"> <li>• Discussion</li> <li>• Daily Life Situation</li> <li>• Textbook Exercises</li> </ul>  |
| <p><b>MATHEMATICS</b></p> <p><b>UNIT: 3</b></p> <p><b>LESSON:</b></p> <p><b>Coordinate Geometry</b></p> | <p>Students shall be able to:</p> <ul style="list-style-type: none"> <li>• Find the equation of a circle</li> <li>• Understand the points of intersection and circle properties</li> </ul> | <ul style="list-style-type: none"> <li>• Live interaction</li> <li>• Group Discussion</li> </ul>  | <ul style="list-style-type: none"> <li>• <a href="https://www.savemyexams.co.uk/revision/a-level-maths-cie-pure-1/2-coordinate-geometry-cie-p1/2-2-circles-cie-p1/">https://www.savemyexams.co.uk/revision/a-level-maths-cie-pure-1/2-coordinate-geometry-cie-p1/2-2-circles-cie-p1/</a></li> <li>• Test and feedback</li> </ul> |
| <p><b>PHYSICS</b></p> <p><b>UNIT: 5</b></p> <p><b>LESSON : work power and energy.</b></p>               | <ul style="list-style-type: none"> <li>• Work and force relation.</li> <li>• Work energy theorem.</li> <li>• Conservation of energy.</li> </ul>  | <ul style="list-style-type: none"> <li>• Interpret and apply the concept of work done.</li> <li>• Define work energy theorem and its conservation.</li> <li>• Describe conversions of energy in different forms.</li> <li>•</li> </ul>  | <ul style="list-style-type: none"> <li>• PPT</li> <li>• Past paper questions</li> <li>• Simulations</li> </ul>   |

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| <p><b>BIOLOGY</b></p> <p><b>UNIT:</b></p> <p><b>LESSON :</b><br/><b>Enzymes</b></p>   | <ul style="list-style-type: none"> <li>• Structure of enzyme</li> <li>• Activation energy</li> <li>• Enzyme specificity</li> <li>• Lock and key hypothesis</li> <li>• Induced fit hypothesis</li> <li>• Progress of a reaction</li> </ul> | <ul style="list-style-type: none"> <li>• State that enzymes are proteins</li> <li>• Explain the mode of action of enzymes in terms of an active site, enzyme–substrate complex, lowering of activation energy and enzyme specificity, including the lock-and-key hypothesis and the induced- fit hypothesis.</li> <li>• Investigate the progress of enzyme-catalysed reactions by measuring rates of formation of products using catalase and rates of disappearance of substrate using amylase.</li> </ul> | <ul style="list-style-type: none"> <li>• Quiz</li> <li>• Topical papers to solve</li> <li>• Activity sheet</li> <li>• Plot graph</li> <li>• Home work to complete the given questions</li> </ul> |
| <p><b>INFORMATION TECHNOLOGY (IT)</b></p> <p><b>UNIT: Hardware and software</b></p> <p><b>LESSON:</b><br/><b>Mainframe computers and supercomputers</b></p> | <ul style="list-style-type: none"> <li>• Characteristics and uses of mainframe computers and super computers.</li> <li>• Advantages and disadvantages of mainframe and supercomputers</li> </ul>  | <ul style="list-style-type: none"> <li>• Describe the Characteristics including: longevity, RAS, security, performance metrics (MIPS and FLOPS), volume of input, output and throughput, fault tolerance, operating system, type of processor, heat</li> </ul>  | <ul style="list-style-type: none"> <li>• Assignment</li> <li>• Solve past paper questions.</li> <li>• Case study</li> </ul>  |

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|   |   | <p>maintenance</p> <ul style="list-style-type: none"> <li>• Explain Mainframe computer uses including: census, transaction processing, industry statistics, consumer statistics</li> <li>• Explain Supercomputer uses including: quantum mechanics, weather forecasting climate research</li> </ul> |  |
| <p><b>ECONOMICS</b></p> <p><b>UNIT:</b></p> <p><b>LESSON:</b></p>   | <ul style="list-style-type: none"> <li>• <b>Macroeconomy-AGGREGATE DEMAND AND AGGREGATE SUPPLY</b></li> </ul> | <ul style="list-style-type: none"> <li>• ILLUSTRATION OF THE EQUATION</li> <li>• DESCRIPTIN OF AGGRAGATE DEMAND AND SUPPLY</li> </ul>   | <ul style="list-style-type: none"> <li>• MS Teams</li> <li>• Online quiz</li> <li>• Assignment</li> <li>• Live writing</li> <li>• PPT</li> </ul>                         |
| <p><b>ACCOUNTING</b></p> <p><b>UNIT:</b></p> <p><b>Financial accounting</b></p> <p><b>LESSON:</b></p> <p><b>Accounts of limited companies</b></p> | <ul style="list-style-type: none"> <li>• <b>Financial statements of limited companies</b></li> </ul>          | <ul style="list-style-type: none"> <li>• To formulate Income Statement and Statement of changes in equity of limited companies</li> </ul>   | <ul style="list-style-type: none"> <li>• PPT</li> <li>• MS FORMS</li> <li>• Video</li> <li>• Structured questions</li> <li>• Assessment ,grading and feedback</li> </ul> |
| <p><b>BUSINESS STUDIES</b></p> <p><b>UNIT: 2</b></p> <p><b>LESSON : 10</b></p>  | <ul style="list-style-type: none"> <li>• <b>Management and Leadership</b></li> </ul>                          | <ul style="list-style-type: none"> <li>• To analyse the differences between MC Gregor’s Theory X and Theory Y</li> </ul>  | <ul style="list-style-type: none"> <li>• PPT</li> <li>• MS FORMS</li> <li>• Video</li> <li>• Case studies</li> <li>• Assessment ,grading and feedback</li> </ul>         |