

## LEARNING TRAILS

Grade: 11

Date: Week 10 – 31st Oct to 4th Nov 2021

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<b>ARABIC LANGUAGE _ ARABS</b>  <b>UNIT: 2</b>  <b>LESSON اسم الآلة</b>	<ul style="list-style-type: none"> <li>اسم الفاعل</li> <li>اسم المفعول</li> <li>مفعال - مفعول - مفعلة</li> </ul>	<ul style="list-style-type: none"> <li>يتعرف المتعلم اسم الآلة</li> <li>يصوغ اسم الآلة صياغة صحيحة</li> <li>يوظف اسم الآلة في مواقف حياتية</li> </ul>	<ul style="list-style-type: none"> <li>أوراق العمل</li> <li>حل أسئلة الكتاب</li> <li>حل أسئلة العرض التقديمي</li> <li>اختبار الكتروني</li> </ul>
<b>ARABIC LANGUAGE_ GENERAL HG</b>  <b>UNIT: 1</b>  <b>LESSON 4</b>	<p>معرض إكسبو لماصلة الدرس</p>	<ul style="list-style-type: none"> <li>ينتج حديثاً متصلاً باستخدام تنغيم وإيقاع صحيحين</li> <li>يكتب ويحافظ على الدقة في التراكيب السماع ويفهم المعنى الكلي لنصوص معقدة في موضوعات وصفية وفكرية لغوية عند الكتابة</li> </ul>	<ul style="list-style-type: none"> <li>العروض التقديمية</li> <li>الأنشطة</li> <li>أوراق العمل</li> <li>تصويب الأخطاء</li> <li>التشجيع والتحفيز</li> <li>التغذية الراجعة</li> </ul>
<b>ISLAMIC STUDIES_ ARABS</b>  <b>UNIT:2</b>  <b>LESSON : غزوة الأحزاب</b>	<ul style="list-style-type: none"> <li>الخنزق</li> <li>الأحزاب</li> <li>تلاوة الآيات</li> <li>التجويد أحكام</li> <li>تفسير الآيات</li> </ul>	<ul style="list-style-type: none"> <li>أن يفسر مفردات الآيات الكريمة</li> <li>أن يبسنتج بعض أحكام الآيات الكريمة</li> <li>أن يوضح دلالة الآيات الكريمة*</li> <li>أن يحرص على القيم التي تضمنتها الآيات الكريمة</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> </ul>
<b>ISLAMIC STUDIES – ENGLISH</b>  <b>UNIT: Two</b>	<ul style="list-style-type: none"> <li>Recite the relevant Quranic verses while observing the rules of Tajwid.</li> <li>Explain the overall meaning of the relevant Quranic</li> </ul>	<ul style="list-style-type: none"> <li>Acquisition (, Watch, Learn)</li> <li>Learning from Practice</li> <li>Learning from discussion</li> </ul>	<ul style="list-style-type: none"> <li>Online &amp; Direct quiz</li> <li>Video</li> <li>Power Point Presentations</li> </ul>

<p><b>LESSON: The Battle of Confederates</b></p>	<p>verses.</p> <ul style="list-style-type: none"> <li>Clarify the indication implied in the Holy verses</li> </ul>	<ul style="list-style-type: none"> <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>	<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: FOUR (4)</b></p> <p><b>LESSON: CIRCULAR MEASURE</b></p> <p><b>Statistics: Representation of data:</b></p>	<p>Students should be able to:</p> <ul style="list-style-type: none"> <li>Understand the definition of a radian</li> <li>Convert between radians and degrees</li> <li>Solve problems concerning arc lengths <math>s</math> and sector area <math>A</math> using the formulae <math>s = r\theta</math> and <math>A = \frac{1}{2}r^2\theta</math></li> <li>Where the angle is measured in radians</li> <li>To be able to Draw box and whisker diagram, Stem &amp; leaf diagram, and Histogram.</li> </ul>	<ul style="list-style-type: none"> <li>Learning through practice</li> <li>Learning through discussion</li> <li>Peer teaching</li> </ul>	<p><a href="https://www.savemyexams.co.uk/revision/as-maths-cie-pure-1/3-trigonometry-as-cie-p1/3-3-circular-measure-radians-as-cie-p1/">https://www.savemyexams.co.uk/revision/as-maths-cie-pure-1/3-trigonometry-as-cie-p1/3-3-circular-measure-radians-as-cie-p1/</a></p> <ul style="list-style-type: none"> <li>Textbook exercises</li> <li>feedback</li> </ul>
<p><b>PHYSICS</b></p> <p><b>UNIT: LESSON : Work Energy and Power</b></p>	<ul style="list-style-type: none"> <li>To apply the concept of work, energy and its conservation to solve numerical problems.</li> <li>To understand the concept of power.</li> </ul>	<ul style="list-style-type: none"> <li>Learning through practice</li> <li>Learning through discussion</li> <li>Peer teaching</li> </ul>	<ul style="list-style-type: none"> <li>PPT</li> <li>Past Papers questions</li> </ul>

<p><b>BIOLOGY</b></p> <p><b>UNIT:</b></p> <p><b>LESSON :</b></p>	<ul style="list-style-type: none"> <li>• Reversible inhibitors</li> <li>• Vmax and Km value</li> <li>• Immobilized enzymes</li> <li>• Structure of cell membrane</li> </ul>	<ul style="list-style-type: none"> <li>• Explain how reversible inhibitors affect the rate of enzyme activity</li> <li>• Compare enzyme affinity</li> <li>• Explain the advantage of using immobilised enzyme</li> <li>• Explain fluid mosaic model of cell membrane</li> </ul>	<ul style="list-style-type: none"> <li>• Topical papers</li> <li>• Activity sheet</li> <li>• Test</li> <li>• Assignments</li> </ul>
<p><b>INFORMATION TECHNOLOGY (IT)</b></p> <p><b>UNIT: Hardware and software</b></p> <p><b>LESSON:</b></p> <p><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 maintenance</li> <li>• Explain Mainframe computer uses including: census, transaction processing, industry statistics, consumer statistics Explain Supercomputer uses including: quantum mechanics, weather forecasting climate research</li> </ul>	<ul style="list-style-type: none"> <li>• Assignment</li> <li>• Solve past paper questions.</li> <li>• Case study</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>INFLATION, DISINFLATION AND DEFLATION</b></li> </ul>	<ul style="list-style-type: none"> <li>• DEFINING INFLATION</li> <li>• DESCRIBING AND EXPLAINING INFLATION, DISINFLATION AND DEFLATION</li> <li>• EXAMINING THE CAUSES OF INFLATION</li> </ul>	<ul style="list-style-type: none"> <li>• MS forms Quiz</li> <li>• MS Teams assignment.</li> <li>• Strategic use of questioning.</li> </ul>

<p><b>ACCOUNTING</b></p> <p><b>UNIT:</b> <b>Financial Accounting</b></p> <p><b>LESSON:</b> <b>Accounts of Limited company</b></p>	<p><b>Financial Statements</b></p>	<ul style="list-style-type: none"> <li>To formulate the financial statements of limited companies taking into consideration relevant accounting treatment</li> </ul>	<ul style="list-style-type: none"> <li>Ppt Formats</li> <li>Kahoot</li> <li>Topical questions</li> <li>Assessment, grading and feedback</li> </ul>
<p><b>BUSINESS STUDIES</b></p> <p><b>UNIT: 2</b></p> <p><b>LESSON : 11</b></p>	<ul style="list-style-type: none"> <li><b>Motivation</b></li> </ul>	<ul style="list-style-type: none"> <li>Discuss the important contribution of motivational theorists and their relevance to business today.</li> </ul>	<ul style="list-style-type: none"> <li>Power Point</li> <li>Analysis and evaluation at Break out rooms</li> <li>Session recorded and shared with learners</li> <li>Feedback</li> <li>Revision sheets</li> <li>Assignment</li> </ul>