

## LEARNING TRAILS

### AJB SECONDARY


Grade: 11

Date: Week 6– 3rd to 7th October 2022

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<p><b>ARABIC LANGUAGE _ ARABS</b></p> <p><b>UNIT: 1</b></p> <p><b>LESSON: - قصة - نظارة طبية</b></p>	<ul style="list-style-type: none"> <li>تزمجر</li> <li>مضبية</li> <li>الضلال</li> </ul>	<ul style="list-style-type: none"> <li>أن يحدد المتعلم جوانب معية في النصوص الأدبية ويفهمها</li> <li>يتعرف حركة الاسترجاع في الزمن</li> <li>يتعرف دور الاسترجاع في تشكيل البناء القصصي وما يضيفه من دلالات ومقاصد</li> </ul>	<ul style="list-style-type: none"> <li>بوربوينت</li> <li>أسئلة الكتاب</li> <li>أنشطة صفية</li> <li>الواجب كتابة قصة لموقف مشابه لما مر به السائق مع ذكر التأثير الذي تركه في نفسه</li> </ul>
<p><b>ARABIC LANGUAGE_ GENERAL HG</b></p> <p><b>UNIT:</b></p> <p><b>LESSON: معارض الكتاب</b></p>	<ul style="list-style-type: none"> <li>معارض الكتاب</li> <li>فعاليات ثقافية</li> <li>منبر</li> <li>رواد</li> <li>دور النشر</li> </ul>	<ul style="list-style-type: none"> <li>أن يقرأ قراءة صحيحة خالية من الأخطاء</li> <li>أن يوظف المفردات في جمل مفيدة</li> <li>أن يستخرج الفكرة الرئيسة والأفكار الفرعية</li> </ul>	<ul style="list-style-type: none"> <li>العروض التقديمية</li> <li>الأنشطة</li> <li>أوراق العمل</li> <li>ابحث واكتب موضوع عن معرض الشارقة للكتاب</li> <li>SEARCH AND WRITE ABOUT SHARJAH BOOK FAIR</li> </ul>
<p><b>ISLAMIC STUDIES_ ARABS</b></p> <p><b>UNIT: 1</b></p> <p><b>LESSON: العقود المالية</b></p>	<ul style="list-style-type: none"> <li>العقد</li> <li>المعاطاة</li> <li>الصيغة</li> <li>الإيجاب والقبول</li> </ul>	<ul style="list-style-type: none"> <li>أن يبين معنى العقود</li> <li>أن يستنتج أهمية تنظيم العقود المالية</li> <li>أن يحدد أركان العقود المالية وشروطها</li> </ul>	<ul style="list-style-type: none"> <li>مراجعة البوربوينت</li> <li>أوراق العمل</li> <li>نشاط إلكتروني</li> <li>الإجابة على أنشطة الطالب</li> </ul>

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<p><b>ISLAMIC STUDIES – ENGLISH</b></p> <p><b>UNIT: One</b></p> <p><b>LESSON: Financial Contract</b></p>	<ul style="list-style-type: none"> <li>• Acquisition (Read, Watch, Learn)</li> <li>• Learning from Practice</li> <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> </ul>	<ul style="list-style-type: none"> <li>• Define the meanings of contract</li> <li>• Describe different types of contracts in Islam</li> <li>• Explain Muzarabah</li> </ul>	<ul style="list-style-type: none"> <li>• Online quiz</li> <li>• Discussion</li> <li>• Daily life</li> <li>• PPT</li> <li>• Video</li> <li>• Textbook</li> </ul>
<p><b>MATHEMATICS</b></p> <p><b>UNIT: Three (3)</b></p> <p><b>LESSON: Coordinate Geometry</b></p>	<ul style="list-style-type: none"> <li>• Line Segments</li> <li>• Parallel and Perpendicular Lines</li> <li>• Equation of a straight line</li> <li>• Circles</li> <li>• Points of intersection and circle properties</li> </ul>	<ul style="list-style-type: none"> <li>• find the equation of a straight line given sufficient information</li> <li>• interpret and use any of the forms <math>y=mx + c</math>, <math>y - y_1 = m(x - x_1)</math>, <math>ax + by + c = 0</math> in solving problems</li> <li>• understand that the equation <math>(x - a)^2 + (y - b)^2 = r^2</math> represents the circle with centre (a, b) and radius r</li> <li>• use algebraic methods to solve problems involving lines and circles</li> <li>• understand the relationship between a graph and its associated algebraic equation, and use the relationship between points of intersection of graphs and solutions of equations.</li> </ul>	<ul style="list-style-type: none"> <li>• Daily questions</li> <li>• Textbook Exercises</li> <li>• Past Paper topical questions</li> <li>• Weekly test</li> <li>• Feedback and Test score discussion</li> </ul>

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<p><b>PHYSICS</b></p> <p><b>UNIT: kinematics</b></p> <p><b>LESSON:</b></p>	<ul style="list-style-type: none"> <li>Two-dimensional motion of objects</li> <li>Assessment of kinematics topic</li> <li></li> </ul>	<ul style="list-style-type: none"> <li>Finding maximum height, time of flight and range</li> <li>Describe expt with diagram to find the value of <math>g</math></li> </ul>	<ul style="list-style-type: none"> <li>Mini quiz</li> <li>Progressive test</li> <li>Practice sheet</li> </ul>
<p><b>CHEMISTRY</b></p> <p><b>UNIT: 3</b></p> <p><b>LESSON: Atomic Structure</b></p>	<ul style="list-style-type: none"> <li>Covalent bonding and coordinate</li> <li>Shapes of molecules</li> </ul>	<ul style="list-style-type: none"> <li>Use the concept of hybridization to describe <math>sp</math>, <math>sp^2</math> and <math>sp^3</math> orbitals Define the terms:</li> <li>Bond energy as the energy required to break one mole of a particular covalent bond in the gaseous state</li> <li>Bond length as the internuclear distance of two covalently bonded atoms</li> </ul>	<ul style="list-style-type: none"> <li>Unit Test</li> <li>End of the Chapter Questions.</li> <li>Past paper Questions.</li> </ul>
<p><b>BIOLOGY</b></p> <p><b>UNIT: 2</b></p> <p><b>LESSON: Biological Molecules</b></p>	<ul style="list-style-type: none"> <li>2.3 Proteins</li> <li>2.4 Water</li> </ul>	<ul style="list-style-type: none"> <li>describe and draw the general structure of an amino acid and the formation and breakage of a peptide bond</li> <li>explain the meaning of the terms primary structure, secondary structure, tertiary structure and quaternary structure of proteins</li> </ul>	<ul style="list-style-type: none"> <li>Oral Quiz</li> <li>Class Test</li> <li>Task sheets</li> <li>Past paper questions to solve</li> </ul>
<p><b>INFORMATION TECHNOLOGY (IT)</b></p> <p><b>UNIT: 2</b></p> <p><b>LESSON: Hardware and software</b></p>	<ul style="list-style-type: none"> <li>Mainframe computers</li> <li>Super computers</li> </ul>	<ul style="list-style-type: none"> <li>Describe the characteristics of mainframe computers.</li> <li>Describe the characteristics of mainframe supercomputers.</li> <li>Describe the advantages and disadvantages of mainframe computers and supercomputers.</li> </ul>	<ul style="list-style-type: none"> <li>Task sheets</li> <li>Past paper questions</li> <li>Assignment</li> </ul>



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<p><b>ECONOMICS</b></p> <p><b>UNIT:</b></p> <p><b>LESSON:</b></p>	<ul style="list-style-type: none"> <li>• Supply</li> <li>• Price elasticity of demand</li> </ul>	<ul style="list-style-type: none"> <li>• Understanding the relationship between price and quantity demanded</li> </ul>	<ul style="list-style-type: none"> <li>• Case study</li> <li>• Structured questions</li> <li>• Assessment and feedback</li> <li>•</li> </ul>
<p><b>ACCOUNTING</b></p> <p><b>UNIT: Financial Statements</b></p> <p><b>LESSON: Accruals and Prepayments ,Provision for doubtful debts</b></p>	<ul style="list-style-type: none"> <li>• Other receivables and other payments</li> <li>• Provision for doubtful debts</li> </ul>	<ul style="list-style-type: none"> <li>• To formulate ledger accounts to account for accruals, prepayments and provision</li> </ul>	<ul style="list-style-type: none"> <li>• Formats</li> <li>• Structured questions</li> <li>• Assessment and feedback</li> </ul>
<p><b>BUSINESS STUDIES</b></p> <p><b>UNIT: 1</b></p> <p><b>LESSON:2</b></p>	<ul style="list-style-type: none"> <li>• Business structure</li> </ul>	<ul style="list-style-type: none"> <li>• To analyze the various structures of business</li> </ul>	<ul style="list-style-type: none"> <li>• Data Response Questions</li> </ul>