

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM  
LEARNING TRAILS

AY 2023-24: Term 2\_Week 10 (04<sup>th</sup> to 07<sup>th</sup> March 2024)

GRADE 12

IT	MATHEMATICS
<p><b>Topics:</b> New and emerging technologies Types</p> <p><b>Learning Objectives:</b> Describe NFC (Near Field Communication) ,ultra-high-definition television systems, artificial intelligence, augmented reality, virtual reality, robotics, computer-assisted translation, holographic imaging, holographic and 4th generation optical data storage, 3D printing, vision enhancement, wearable computing. Impact of new and emerging technologies. Students will present the emerging technologies in UAE</p> <p><b>Resources needed:</b> Presentation, Text book, video</p> <p><b>Homework/Assignments:</b> Solve past paper questions</p>	<p><b>Topics:</b> Revision Past Papers Discussion</p> <p><b>Learning Objectives:</b> To be able to solve the past paper questions.</p> <p><b>Resources needed:</b> Past papers</p> <p><b>Homework/Assignments:</b> Oct/Nov/2020 paper 32/ &amp; 62.</p>
ADVANCED ARABIC	GENERAL ARABIC
<p><b>Topics:</b>مراجعة</p> <p><b>Learning Objectives:</b> أن يجيب الطالب عن التمرينات المختلفة</p> <p><b>Resources needed:</b>الدفتر المدرسي - منصة ألف</p> <p><b>Homework/Assignments:</b> حل التمرينات الموجودة في منصة ألف * * تقييم مهارات الكتابة والمحادثة والاستماع</p>	<p><b>Topics:</b>مراجعة</p> <p><b>Learning Objectives:</b> أن يجيب الطلاب عن أوراق العمل والأنشطة المختلفة</p> <p><b>Resources needed:</b>أوراق عمل مختلفة - أنشطة إلكترونية</p> <p><b>Homework/Assignments:</b> يكتب الطالب فقرة عن أهمية الوطن</p>
PHYSICS	BIOLOGY
<p><b>Topics:</b> Planning, Analysis and Evaluation Circular motion, Gravitational field, Temperature, Ideal gas.</p> <p><b>Learning Objectives:</b> Should be able to: Define the problem, describe method of data collection, Solve - Topical Paper 4</p>	<p><b>Topics:</b> Planning ,Analysis &amp; Evaluation</p> <p><b>Learning Objectives:</b> Should be able to solve selected past paper 52 &amp; 42</p> <p><b>Resources needed:</b> Past papers of paper 42 &amp; 52</p>

<p><b>Resources needed:</b> Past Papers</p> <p><b>Homework/Assignments:</b></p>	<p><b>Homework/Assignments:</b> Solve the given past papers</p>
<b>ISLAMIC ARABIC</b>	<b>ISLAMIC EDUCATION</b>
<p><b>Topics:</b> العولمة</p> <p><b>Learning Objectives:</b>          أن يبين مفهوم العولمة ويحدد مجالاتها*          أن يستنتج إيجابيات وسلبيات العولمة*          أن يستنتج موقف الإسلام من العولمة*          أن يرسخ هويته الوطنية والثقافية</p> <p><b>Resources needed:</b> الكتاب المدرسي          بوربوينت          أنشطة تعليمية          منصة ألف</p> <p><b>Homework/Assignments:</b> حل أنشطة الطالب          حل أسئلة منصة ألف</p>	<p><b>Topics:</b> Revision</p> <p><b>Learning Objectives:</b> Unit 2 &amp; 3 &amp; 4</p> <p><b>Resources needed:</b> Board, projector, marker, textbook</p> <p><b>Homework/Assignments:</b>          Solve students' activity in textbook</p>
<b>CHEMISTRY</b>	<b>ACCOUNTING</b>
<p><b>Topics:</b> 37.3 Carbon-13 NMR spectroscopy</p> <p><b>Learning Objectives:</b> Analyze and interpret a carbon-13 NMR spectrum of a simple molecule to deduce: the different environments of the carbon atoms present and the possible structures for the molecule          predict or explain the number of peaks in a carbon-13 NMR spectrum for a given molecule</p> <p><b>Resources needed:</b> Smartboards, whiteboards</p> <p><b>Homework/Assignments:</b> <i>past papers</i></p>	<p><b>Topics:</b> Revision - Financial Accounting</p> <p><b>Learning Objectives:</b> To revise the concept of Manufacturing account, Accounts of Clubs and Societies, Business Purchase and Mergers</p> <p><b>Resources needed:</b> Past Paper Topical questions</p> <p><b>Homework/Assignments:</b> Task Sheets          M/J 2020-All variants</p>
<b>BUSINESS</b>	<b>ECONOMICS</b>
<p><b>Topics:</b> Accounting strategies</p> <p><b>Learning Objectives:</b>          To practice topical questions to implement appropriate accounting strategies for Investment appraisal</p> <p><b>Resources needed:</b>          Textbook          Past paper          End of Chapter questions</p> <p><b>Homework/Assignments:</b>          Solve topical case related to decision making</p>	<p><b>Topics:</b> Globalization</p> <p><b>Learning Objectives:</b>          To understand the meaning of globalization          To analyze the causes and consequences of globalization          To distinguish trade diversion and trade creation</p> <p><b>Resources needed:</b> Economics by Peter Smith</p> <p><b>Homework/Assignments:</b> Find solutions to the End of the Chapter questions and pen them down in the notebook.</p>



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INDIAN SYSTEM



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ZAKHER  
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*British Division*



AL AIN JUNIORS  
NURSERY



ENGLISH GARDEN  
NURSERY

