

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM
LEARNING TRAILS

AY 2023-24: Term 1_Week 3 (11th TO 15th SEPTEMBER 2023)

GRADE 10

ENGLISH	MATHEMATICS
<p>Topics: Article writing</p> <p>Learning Objectives: -</p> <p>Students will be able to present opinions and arguments to produce a newspaper/magazine article by learning the skills of how to persuade someone. They will also be able to learn the skills of critical thinking, creative writing, thinking out of the box, debate and how to write academically correct essays/articles to achieve higher grades in IGCSE ESL exam.</p> <p>Resources needed:</p> <p>Printed worksheets, PPTs, smart board, whiteboard, projector etc.</p> <p>Homework/Assignments:</p> <p>Students will be provided with topics to do some research and find some ideas or arguments about the given topic.</p>	<p>Topics: Trigonometry</p> <p>Learning Objectives:</p> <p>To know how to identify hypotenuse of a right-angled triangle.</p> <p>To know how to find the unknown sides of a right-angled triangle by using simple trigonometric ratios.</p> <p>Resources needed:</p> <p>Text book, calculator</p> <p>Homework/Assignments: Homework or Out-of-School Learning</p> <p>Ex: 2 Q:no: 2,4,10,14,16,21,22, 26, 30</p> <p>Ex3: 2,4,9,12</p> <p>Daily practice Questions, past paper 42 May/June 2014</p>
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: صيدة - السمؤال بن عادياء</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> أن يحدد الفكرة الرئيسة والفكر الفرعية في القصيدة أن يحلل النص في سياقه التاريخي والاجتماعي والسياسي موضحا السمات الفنية للنص أن يفسر كلمات القصيدة مستخدما المعجم الورقي والرقمي <p>Resources needed:</p> <p>الكتاب المدرسي - بوربوينت - منصة ألف</p> <p>Homework/Assignments:</p> <ul style="list-style-type: none"> حل أسئلة الكتاب حل أسئلة منصة ألف اختبار الكتروني 	<p>Topics: أنا مسؤول</p> <p>Learning Objectives:</p> <p>أن يقرأ الطالب قراءة صحيحة</p> <p>أن يتحدث الطالب عن دوره كمواطن صالح في المجتمع</p> <p>أن يكتب الطالب فقرة عن أهمية الأخلاق الحميدة في بناء المجتمع</p> <p>Resources needed:</p> <p>العرض التقديمي والمرئي</p> <p>الكتاب المدرسي</p> <p>منصات تعليمية إلكترونية</p> <p>Homework/Assignments:</p> <p>أن يكتب الطالب عن أهمية المسؤولية الاجتماعية وكيفية تحقيقها</p>

PHYSICS	BIOLOGY
<p>Topics: Electrical Energy and Electrical Power Circuit Diagrams and components Series Circuit Parallel Circuits</p> <p>Learning Objectives: Recall and use the equation for electrical power and Energy Define the kilowatt-hour (kW h) and calculate the cost of using electrical appliances where the energy unit is the kW h Draw and interpret circuit diagrams, and know how these components behave in the circuit Draw and interpret circuit diagrams containing diodes and light-emitting diodes (LEDs), and know how these components behave in the circuit</p> <p>Resources needed: Past Paper Booklet https://phet.colorado.edu/en/simulation/coulombs-law</p> <p>Homework/Assignments: Questions from past paper booklet 2026-2020 May June and Oct Nov</p>	<p>Topics: Excretion Coordination and response</p> <p>Learning Objectives: Role of liver in assimilation. Importance of excretion. Nervous system and neurons Reflex arc and Synapse Sense organs</p> <p>Resources needed: Textbook, PPT, Word wall ink and quizzes links. Past papers, Workbook solutions.</p> <p>Homework/Assignments: Draw the reflex arc, Types of neurons, Photoreceptors.</p>
ISLAMIC ARABIC	ISLAMIC EDUCATION
<p>Topics: سورة الكهف الآيات من 8-1</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> أن يتلو الطالب الآيات الكريمة تلاوة صحيحة مجودة ويفسر الآيات تفسيراً إجمالياً مع معانيها <p>ويستنتج بعض دلالات الآيات وواضح المواقف الواردة</p> <p>Resources needed: الكتاب المدرسي البوربوينت منصة ألف</p>	<p>Topics: Surah al Kahf Ayah 1-8</p> <p>Learning Objectives: Explain the meaning of Quranic ayah. Describe the ayah in detail with tafseer.</p> <p>Resources needed: Books, PPT, online site, activities sheet.</p>

<p><u>Homework/Assignments:</u></p> <p>حل أنشطة الطالب بالكتاب المدرسي حفظ الآيات الكريمة ومعاني الكلمات</p>	<p><u>Homework/Assignments:</u></p> <p>Solve students' activities from the books Memorize Quranic Ayah of the surah.</p>
<p style="text-align: center;">CHEMISTRY</p>	<p style="text-align: center;">ICT</p>
<p><u>Topics:</u> Electrochemistry <u>Learning Objectives:</u> Identify the products formed at the electrodes and describe the observations made during the electrolysis of: (a) molten lead(II) bromide (b) concentrated aqueous sodium chloride (c) dilute sulfuric acid using inert electrodes made of platinum or carbon/ graphite State that metals or hydrogen are formed at the cathode and that non-metals (other than hydrogen) are formed at the anode Predict the identity of the products at each electrode for the electrolysis of a halide compound in dilute or concentrated aqueous solution Construct ionic half-equations for reactions at the anode (to show oxidation) and at the cathode (to show reduction) <u>Resources needed:</u> Notebook, workbook, past paper, PPT, video, lab apparatus <u>Homework/Assignments:</u> Investigate the electrolysis of Lead (II) bromide, predict the products and write half ionic equations in concentrated, dilute and molten state.</p>	<p><u>Topics:</u> System Life Cycle- Design <u>Learning Objectives:</u> Discuss the disadvantages and advantages of the different design methods <u>Resources needed:</u></p> <ul style="list-style-type: none"> • Text Book • PPTs • Videos • Past Paper questions <p><u>Homework/Assignments:</u> Practice June 2022 paper 21- Task 3</p>
<p style="text-align: center;">ACCOUNTING</p>	<p style="text-align: center;">BUSINESS STUDIES</p>
<p><u>Topics:</u> Accounts of clubs and societies <u>Learning Objectives:</u> To formulate receipts and payments account To prepare subscription account to calculate the amount of subscription to be transferred to Income and Expenditure account <u>Resources needed:</u> www.igcseaccounts.com</p>	<p><u>Topics:</u> 3.3.2Price <u>Learning Objectives:</u> To identify and explain the main pricing methods, and be able to select and recommend an appropriate pricing method in given circumstances. To understand the significance of price elasticity of demand. <u>Resources needed:</u></p>

Formats

Accounting IGCSE by Catherine Coucom

Task Sheets

Homework/Assignments:

Topical questions

Research on the functioning of Red Crescent UAE

Cambridge IGCSE and O Level Business Studies:

Coursebook

ISBN 9781108563987

<https://quizlet.com/104340938/business-studies-product-life-cycle-flash-cards/>

Homework/Assignments:

Check the legal document required in UAE to Import goods

ECONOMICS

Topics:

GOVERNMENT AND THE MACROECONOMY

4.1-The role of government

Learning Objectives:

- Define the role of government in an economy.
- Analyze the government's economic functions.

Resources needed:

https://www.youtube.com/watch?v=Lt7OS_2jhGY

<https://www.youtube.com/watch?v=pi-XSwviENG>

Homework/Assignments:

What is the role of government in economic systems, and why is it important?

HOT question: - How does the UAE government influence economic stability and growth through its policies?