

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM
LEARNING TRAILS

AY 2023-24: Term 1_ Week 10 (30th to 3rd November 2023)

GRADE 10

ENGLISH	MATHEMATICS
<p><u>Topics:</u> IGCSE ESL 0510 Speaking</p> <p><u>Learning Objectives:</u> Students will be able to present themselves in their mock and final exam in front of the examiner.</p> <p><u>Resources needed:</u> Speaking Cards-provided by the Cambridge</p> <p><u>Homework/Assignments:</u> Students will practice the 5 prompts given on the speaking card.</p>	<p><u>Topics:</u> Mensuration Symmetry</p> <p><u>Revision Topics</u></p> <ol style="list-style-type: none">1. Function2. Circle Theorems <p><u>Learning Objectives:</u> To Calculate the surface area of a</p> <ul style="list-style-type: none">• cylinder• cone• sphere• Compound 3-D shapes <p>To know how Draw the lines of symmetry on a 2D shape. Find the order of rotational symmetry for a 2-D shape. To find the planes and axes of symmetry of simple three-dimensional shapes.</p> <p><u>Resources needed:</u> Textbook, Notebook, Calculator, 3D shapes, geometry box.</p> <p><u>Homework/Assignments:</u> Daily practice Questions, weekly test, weekly past paper</p>

ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: العتاب صابون القلوب - ميخائيل نعيمة</p> <p>Learning Objectives;</p> <ul style="list-style-type: none"> • أن يحلل فكر النص محددًا كيف تفاعلت الفكر وبنيت على بعضها بعضًا أو تضاربت مع بعضها • يقيم أسلوب الكاتب في عرض جملة وفعاليتها في الشرح والإقناع وتقديم الحجج • يقيم مدى كفاية الاساليب ودقتها ومناسبة استخدام الكاتب لها لتقديم وجهة نظره <p>Resources needed:</p> <ul style="list-style-type: none"> • الكتاب المدرسي • العرض التقديمي • منصة ألف • اختبار الكتروني <p>Homework/Assignments:</p> <ul style="list-style-type: none"> • حل أسئلة الكتاب المدرسي • حل أسئلة منصة ألف 	<p>Topics: الشغف بالعمل</p> <p>Learning Objectives;</p> <p>أن يتعرف الطالب المفردات الجديدة أن يذكر الطالب عناصر التخطيط كما ذكرها الكاتب أن يجيب الطالب عن أسئلة الدرس</p> <p>Resources needed: الكتاب المدرسي _ بوربوينت _ أنشطة تعليمية صفية</p> <p>Homework/Assignments: أن يكتب الطالب فقرة عن أهمية التخطيط في حياته</p>
PHYSICS	BIOLOGY
<p>Topics: A C Generator Magnetic effect of current</p> <p>Learning Objectives; Describe a simple form of A.C generator Sketch and interpret graphs of e.m.f</p> <p>Resources needed: Notebook, workbook, past paper booklet, A C generator working model.</p> <p>Homework/Assignments: Draw the A.C generator. Complete the questions from the past paper.</p>	<p>Topics: 16: Reproduction 16.1 Asexual reproduction 16.2 Sexual reproduction</p> <p>Learning Objectives; Describe asexual reproduction, Discuss the advantages and disadvantages of asexual reproduction Discuss the advantages and disadvantages of sexual reproduction insect-pollinated flower, Distinguish between the pollen grains of insect-pollinated and wind-pollinated flowers, Cross and self-pollination and seed germination.</p> <p>Resources needed: PPT, Text book, specimens of flower, past papers, class test and task sheets.</p>

ISLAMIC ARABIC	ISLAMIC EDUCATION
<p>Topics: قصة أصحاب الكهف</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 • ويستنتج بعض دلالات الآيات وأوضح المواقف الواردة <p>Resources needed: الكتاب المدرسي بوربوينت أنشطة تعليمية منصة ألف</p> <p>Homework/Assignments:</p> <ul style="list-style-type: none"> • حل أنشطة الطالب • حل أسئلة منصة ألف • حفظ الآيات الكريمة • حفظ معاني الكلمات 	<p>Homework/Assignments: Past paper 20220 October November paper 42. Drawing. Task sheet, read and learn for revision test.</p> <p>Topics: Surah al kahf</p> <p>Learning Objectives; Explain the meaning of the Quranic verses Explain the story of the people of the cave</p> <p>Resources needed: "Textbook PowerPoint Educational Activities</p> <p>Homework/Assignments: Student Activities, Solving Questions from the Alf Platform"</p>
CHEMISTRY	ICT
<p>Topics: Reversible reactions and equilibrium</p> <p>Learning Objectives; State that some chemical reactions are reversible as shown by the symbol \rightleftharpoons Describe how changing the conditions can change the direction of a reversible reaction. State that a reversible reaction in a closed system is at equilibrium. Predict and explain, for a reversible reaction, how the position of equilibrium.</p>	<p>Topics: Chapter8: E-Security</p> <p>Learning Objectives; Recognize the importance of keeping personal data confidential and protected to prevent inappropriate disclosure. Identify and understand the characteristics of various threats to data, including hacking, phishing, pharming, smishing, vishing, viruses, malware, and card fraud. Recognize the potential effects and consequences of these threats on individuals, organizations, and society.</p>

Resources needed:

Copper sulfate, common lab apparatus,
<https://edu.rsc.org/resources/preparing-and-using-cobalt-chloride-indicator-papers/1919.article>

Homework/Assignments:

Daily Questions, Weekly Assignment, Past Paper Questions

Explore strategies and best practices for mitigating and preventing these threats.

Resources needed:

www.thinkuknow.co.uk/
Cambridge IGCSE ICT Course book, PPT

Homework/Assignments:

Solve past paper questions.

ACCOUNTING

Topics:

Irrecoverable debts and Provision for doubtful debts

Learning Objectives:

Understand the meaning of irrecoverable debts and recovery of debts written off • prepare ledger accounts and journal entries to record irrecoverable debts • prepare ledger accounts and journal entries to record recovery of debts written off • explain the reasons for maintaining a provision for doubtful debts • prepare ledger accounts and journal entries to record the creation of, and adjustments to, a provision for doubtful debts.

Resources needed:

IGCSE Accounting by Catherine Coucom
Formats
Task sheets
Topical questions

Homework/Assignments:

Topical questions

BUSINESS STUDIES

Topics:

Costs, scale of production and break-even analysis

Learning Objectives:

To identify and classify costs and relate cost data to help make simple cost-based decisions.
To Explain, interpret and use a simple break-even chart

Resources needed:

Cambridge IGCSE and O Level Business Studies: Coursebook
ISBN 9781108563987
<https://quizlet.com/in/557886368/igcse-0450-business-studies-chapter-12-the-marketing-mix-product-flash-cards/>

Homework/Assignments:

Explain how a school can be a profit centre, but why department within it are normally cost centres.

ECONOMICS

Topics: Standard of living and poverty

Learning Objectives: Define living standards and their measurement. - Analyze factors influencing living standards.

Define poverty and its indicators. - Analyze the causes and consequences of poverty.

Resources needed: <https://www.youtube.com/watch?v=ZeuUIP0dobw>

<https://www.youtube.com/watch?v=tXpm7xDRWk4>

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

<https://www.youtube.com/watch?v=KxjW-HU1BCM>

Homework/Assignments: How do government policies and economic development strategies impact the UAE's living standards?

What is poverty, and How is it measured in the UAE?

How do government policies and social programs address poverty and inequality in the UAE?