

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM
LEARNING TRAILS

AY 2023-24: Term 1_Week 13 (20th to 24th November 2023)

GRADE 10

ENGLISH	MATHEMATICS
<p>Topics: Reading /Writing/Listening</p> <p>Learning Objectives; The students will practice real exam type of question</p> <p>Resources needed: Past papers booklet, notebooks.</p> <p>Homework/Assignments: Reading assignment on LightSail</p>	<p>Topics: Vector, Transformation</p> <p>Learning Objectives; Understand and use position vectors. Translate a 2D shape. Reflect a 2D shape in a mirror line. Reflect a 2D shape in a diagonal mirror line.</p> <p>Resources needed: Textbook, Calculator, graph book, tracing paper, geometry box</p> <p>Homework/Assignments: Homework, Daily Practice Questions, past papers, weekly test</p>
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: مراجعة الامتحان النهائي</p> <p>Learning Objectives;</p> <ul style="list-style-type: none">• أن يحدد الفكرة الرئيسية والفكر الفرعية لقصيدة بان الخليل• أن يحلل القصة إلى عناصرها الفنية (قصة مصباح الحمام)• أن يتعرف الصفة المشبهة وأوزانها <p>Resources needed:</p> <ul style="list-style-type: none">• الكتاب المدرسي• منصة ألف• اختبار الكتروني <p>Homework/Assignments:</p> <ul style="list-style-type: none">• حل أوراق العمل• حل أسئلة منصة ألف	<p>Topics: (مراجعة) قراءة _ كتابة</p> <p>Learning Objectives; <u>أن يسترجع الطالب المفردات التي درسها</u> أن يستخرج الطالب المهارات اللغوية والنحوية من الفقرات أن يجيب الطالب عن الأسئلة</p> <p>Resources needed: اختبارات سابقة _ أنشطة تعليمية صفية _ اختبارات إلكترونية</p> <p>Homework/Assignments حل الأنشطة وأوراق العمل</p>

Physics	BIOLOGY
<p>Topics: Transformer</p> <p>Learning Objectives; Describe the working of a simple transformer Describe use of transformers in high voltage transmission</p> <p>Resources needed: Workbook Past paper 4 and 6</p> <p>Homework/Assignments: Complete paper 6 from 2016-2022</p>	<p>Topics: Reproduction in organisms</p> <p>Learning Objectives; Roles of testosterone and oestrogen in the development and regulation of secondary sexual characteristics during puberty Describe the menstrual cycle in terms of changes in the ovaries and in the lining of the uterus Describe the sites of production of oestrogen and progesterone in the menstrual cycle and in pregnancy Explain the role of hormones in controlling the menstrual cycle and pregnancy, limited to FSH, LH, progesterone and oestrogen</p> <p>Resources needed: Textbook, PPT Task sheets, Past papers</p> <p>Homework/Assignments: Completion of past papers 2021 & 22 May June paper 42</p>
ISLAMIC ARABIC	ISLAMIC EDUCATION
<p>Topics: الوقف عطاء ونماء</p> <p>Learning Objectives: أن يحدد معني الوقف أن يعدد أنواع الوقف وأثاره أن يعرف دور الأوقاف في المجتمع</p> <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 	<p>Topics: The Prophet's Sunnah</p> <p>Learning Objectives: Understand the concept and significance of the Prophet's Sunnah. Explore various aspects of the Prophet's life and teachings. Apply the Sunnah of the Prophet in daily life.</p> <p>Resources needed: Islamic Apps: Recommend Islamic apps that provide access to Hadith collections and teachings of the Prophet. Online Resources: Provide links to reputable websites and online platforms that offer authentic</p>

	<p>information on the Prophet's Sunnah.</p> <p><u>Homework/Assignments:</u></p> <p>Solve students' activities in the textbook.</p> <p>Revise PPT</p>
CHEMISTRY	ICT
<p><u>Topics:</u></p> <p>Organic Chemistry - Formulae, functional groups and terminology</p> <p><u>Learning Objectives;</u></p> <p>Draw and interpret the displayed formula of a molecule to show all the atoms and all the bonds. Write and interpret general formulae of compounds in the same homologous series. Identify a functional group.</p> <p>State that a structural formula is an unambiguous description of the way the atoms in a molecule are arranged.</p> <p><u>Resources needed:</u></p> <p>Workbook, Textbook, The Periodic Table</p> <p><u>Homework/Assignments:</u></p> <p>Daily Questions, Weekly Assignment and Past Paper Questions</p>	<p><u>Topics:</u></p> <p>Networks (Revision)</p> <p><u>Learning Objectives;</u></p> <p>Differentiate bluetooth and Wifi</p> <p>Define cloud computing with its advantages and disadvantages</p> <p>Able to define the characteristics and purpose of common network environments, such as intranets, extranets and internets.</p> <p>Define the terms Local Area Network (LAN), Wireless Local Area Network (WLAN) and Wide Area Network (WAN)</p> <p>Describe the differences between a LAN, a WLAN and a WAN</p> <p>Describe the security issues Identify the methods to protect your password.</p> <p><u>Resources needed:</u></p> <p>https://www.ictlounge.com/html/network_hardw_are.htm</p> <p>https://www.ictlounge.com/html/network_hardw_are.htm</p> <p><u>Homework/Assignments:</u></p> <p>Solve past paper questions.</p>
ACCOUNTING	BUSINESS STUDIES
<p><u>Topics:</u></p> <p>Incomplete records</p> <p><u>Learning Objectives;</u></p> <p>To prepare Trade receivables and trade payables account to calculate missing figures related to</p>	<p><u>Topics:</u></p> <p>5.1.1The need for business finance</p> <p>5.1.2The main sources of capital</p> <p><u>Learning Objectives:</u></p> <p>To identify and explain the main sources of capital,</p>

debtors and creditors
To formulate Statement of affairs

Resources needed:

Cambridge IGCSE Accounting by Catherine Coucom
Formats

Homework/Assignments:

Topical questions
www.igcseaccounts.com

and be able to select, recommend and select appropriate source of finance in given circumstances.

Resources needed:

Cambridge IGCSE and O Level Business Studies: Coursebook
ISBN 9781108563987

<https://learning.cambridgeinternational.org/classroom/course/view.php?id=3375>

Homework/Assignments:

Practice past papers

ECONOMICS

Topics:

Difference in economic development between countries

Learning Objectives;

Resources needed:

<https://www.youtube.com/watch?v=1yKvwOydZFw>

<https://www.youtube.com/watch?v=SFTUDC7irOk>

<https://www.youtube.com/watch?v=VRK0UhfTi84>

<https://www.youtube.com/watch?v=Y-RvpSeKaHQ>

<https://youtu.be/CJFcleaJUik?si=FLYXnLrcWTyOH65x>

Homework/Assignments:

What are economic development disparities, and How do they manifest globally?

How does the UAE contribute to global efforts to reduce economic development disparities?