

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM

LEARNING TRAILS

AY 2023-24: Term 2_Week 8 (19th to 23rd February 2024)

GRADE 10

ENGLISH	MATHEMATICS
<p>Topics: Listening, Reading and Writing</p> <p>Learning Objectives: Practice real exam types of questions in order to understand and solve the given tasks to achieve the best possible grades in their final exam.</p> <p>Resources needed: Past Paper booklets</p> <p>Homework/Assignments: As per the need and requirement of the writing task. If pending, students will finish the remaining at home.</p>	<p>Topics: Recap</p> <p>Learning Objectives: Prepare and approach the IGCSE Mathematics exam with confidence, applying learned techniques and strategies to maximize their performance.</p> <p>Resources needed: Past papers, Calcuator</p> <p>Homework/Assignments: Daily Practice Questions, past papers</p>
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics:</p> <ul style="list-style-type: none"> • أسلوب الاختصاص <p>Learning Objectives:</p> <ul style="list-style-type: none"> • أن يتعرف المتعلم أسلوب الاختصاص • أن يعرب أسلوب الاختصاص إعرابا صحيحا • أن يوظف أسلوب الاختصاص في مواقف حياتية <p>Resources needed: الكتاب المدرسي - بوربوينت - منصة ألف - اختبار الكتروني</p> <p>Homework/Assignments: حل أسئلة منصة ألف</p>	<p>Topics: التغير المناخي</p> <p>Learning Objectives: أن يتعرف الطالب المفردات الجديدة أن يذكر الطالب مؤشرات الإحتباس الحراري أن يتحدث الطالب عن الحلول المقترحة لتقليل خطورة الإحتباس الحراري</p> <p>Resources needed: الكتاب المدرسي بوربوينت أنشطة تعليمية صافية</p> <p>Homework/Assignments: يكتب الطالب رسالة لأهل الأرض للحفاظ على البيئة من الدمار والهلاك</p>
PHYSICS	BIOLOGY
<p>Topics: Red shift Blue shift Hubble constant</p> <p>Learning Objectives: Describe red shift and Blueshift Define Hubble constant Calculate the age of universe.</p> <p>Resources needed: Past papers Work book Text book</p>	<p>Topics: Unit-20 Human influence on ecosystem 20.4 Conservation</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> • Describe a sustainable resource as one which is produced as rapidly as it is removed from the environment • Explain how forests can be conserved • Explain how fish stocks can be conserved • Explain why organisms become endangered or extinct Explain why organisms become endangered or extinct

Homework/Assignments:

Past paper questions from 2016 –2020 May /June

- Describe how endangered species can be conserved
- Describe the reasons for conservation programmes

Resources needed:

Textbook, presentation, past papers and task sheets

Homework/Assignments:

Practice and bring Oct Nov paper 62 2020.

ISLAMIC ARABIC**Topics:**

تدوين السنة

Learning Objectives:

أن يوضح المقصود بتدوين السنة

أن يبين المراحل التي مر بها تدوين السنة

أن يميز بين أنواع مصنفات الحديث

Resources needed:

الكتاب المدرسي

بوربوينت

أنشطة تعليمية

منصة ألف

Homework/Assignments:

- حل أنشطة الطالب
- حل أسئلة منصة ألف

ISLAMIC EDUCATION**Topics:**

Sunnah

Learning Objectives:

Explain the sunnah of the Prophet SAW.

Discuss different type of Sunnah.

Resources needed:

Board, projector, marker, textbook

Homework/Assignments:

Solve students' activity in textbook

CHEMISTRY**Topics:**

Stoichiometry

Learning Objectives:

Calculate stoichiometric reacting masses, limiting reactants, volumes of gases at r.t.p., volumes of solutions and concentrations of solutions expressed in g / dm³ and mol / dm³.

Use experimental data from a titration to calculate the moles of solute, or the concentration or volume of a solution

Calculate empirical formulae and molecular formulae, given appropriate data

Calculate percentage yield, percentage composition by mass and percentage purity, given appropriate data

Resources needed:

Periodic Table, Textbook and workbook

ICT**Topics:**

Functions and Formulas in Excel

Learning Objectives:

Able to apply logical and conditional functions in Excel.

Resources needed:

MS Excel, Textbook

Homework/Assignments:

Answer the past paper March 2023-paper 12 and submit.

Homework/Assignments:

Daily Questions, Weekly Assignment and Past Paper Questions

ACCOUNTING

Topics:

Revision –Correction of errors

Learning Objectives:

To pass journal entries to correct the errors
To prepare Suspense account to close the accounts

Resources needed:

Task sheets
Summary Notes

Homework/Assignments:

Topical questions

BUSINESS STUDIES

Topics:

Business and international economy

Learning Objectives:

To evaluate the impact of exchange rate fluctuations on business organizations.

Resources needed:

Text book, Case studies

Homework/Assignments:

Solve end of chapter questions

ECONOMICS

Topics:

Cost of Production
Economies and diseconomies of scale

Learning Objectives:

State cost of production
How to calculate different types of cost

Define Economies and diseconomies of scale
Enumerate the factors of Economies and diseconomies of scale
Differentiate Between Economies and diseconomies of scale

Resources needed: Economies and diseconomies of scale

Homework/Assignments: Watching a video and writing a summary based on it.