

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM
LEARNING TRAILS
AY 2023-24: Term 1_Week 15 (4th to 8th December 2023)
GRADE 11

MATHEMATICS	IT
<p>Topics: Past Paper Revision</p> <p>Learning Objectives: Recall of all topics treated this term</p> <p>Resources needed: 9709_12_Nov17.dvi (gceguide.com) 9709_62_Nov17.dvi (gceguide.com)</p> <p>Homework/Assignments: 9709_12_Nov17.dvi (gceguide.com) 9709_62_Nov17.dvi (gceguide.com)</p>	<p>Topics: Relational Database Normalization Practical Examination</p> <p>Learning Objectives: Create relational database by changing into third normal form.</p> <p>Resources needed: Past papers</p> <p>Homework/Assignments: Solve past paper questions</p>
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: <u>مراجعة</u></p> <p>Learning Objectives: أن يتعرف الكناية أن يميز بين الكناية والاستعارة أن يوظف الكناية في جمل من إنشائه</p> <p>Resources needed: الكتاب المدرسي- منصة ألف - اختبار الكتروني - العرض التقديمي</p> <p>Homework/Assignments: حل أسئلة منصة ألف - حل أوراق العمل</p>	<p>Topics: مراجعة</p> <p>Learning Objectives: أن يتعرف أنواع الجمل أن يميز بين الأسم والفعل أن يستخرج بعض المهارات من الفقرة</p> <p>Resources needed: الكتاب -الأنترنت - العرض التقديمي</p> <p>Homework/Assignments: التدريب على الاختبار من خلال العرض التقديمي للمراجعة</p>
PHYSICS	BIOLOGY
<p>Topics: Deformation of solids</p> <p>Learning Objectives: Solving numerical to find stress, strain, young modulus. Elastic PE, spring constant and also Revision for premock</p>	<p>Topics: Unit:6 Nucleic acids and Protein Synthesis Premock -Revision</p> <p>Learning Objectives: 1.Describe the structure of nucleotides, including the phosphorylated nucleotide ATP</p>

Resources needed:

Practice booklet, copy book

Homework/Assignments:

Past papers 2016-20

2.state that the bases adenine and guanine are purines with a double ring structure, and that the bases cytosine, thymine and uracil are pyrimidines with a single ring structure

Resources needed:

www.wiley.com/college/pratt/0471393878/student/animations/dna_replication/index.html

Save my exams – solve topic wise questions

Homework/Assignments:

To research the action of various chemotherapy drugs, which prevent DNA replication and slow down cell division

ISLAMIC ARABIC

Topics:

مصادر التشريع الإسلامي

Learning Objectives;

- * أن يبين المقصود بمصادر التشريع الإسلامي
- * أن يذكر خصائص القرآن الكريم
- * أن يوضح حجية السنة النبوية الشريفة
- * أن يستنتج أهمية الاجتهاد في استنباط الأحكام الشرعية
- * أن يحدد بعض مصادر التشريع الاجتهادية

Resources needed:

الكتاب المدرسي
بوربوينت
أنشطة تعليمية
منصة ألف

Homework/Assignments:

- حل أنشطة الطالب
- حل أسئلة منصة ألف

ISLAMIC EDUCATION

Topics:

Manners of Dialogue

Learning Objectives;

- Understand the importance of respectful and effective dialogue in Islam.
- Identify and practice key manners of dialogue in Islamic teachings.

Resources needed:

- Books: Islamic etiquette books, such as "Islamic Manners" by Abdul Fattah Abu Ghudwah.
- Online resources: Islamic educational websites, such as Islamic Finder and Islami city, for additional reading materials and interactive content.
- Mobile apps: Islamic etiquette apps, such as "Islamic Manners & Etiquettes" and "Islamic Manners for Children."

Homework/Assignments:

Solve students' activities in the textbook.
Revise PPT

CHEMISTRY

Topics:

Equilibria

Learning Objectives;

ACCOUNTING

Topics:

Absorption costing

Learning Objectives;

- Calculate values of Equilibrium constants
- Understand and use Bronsted Lowry Theory
- Explain the difference between strong and weak acids.

Resources needed:

Microsoft Forms, Cambridge International AS and A level Chemistry.

Homework/Assignments:

Daily Questions on Microsoft teams.
Textual Questions, Topical Questions.

Learn how to allocate and apportion overhead expenditure between production and service departments • how to calculate overhead absorption rates using an appropriate basis • the causes and the calculation of under absorption and over absorption of overhead

Resources needed:

Formats/Formulas
Topical questions
Video

Homework/Assignments:

Topical questions

BUSINESS

Topics:

The nature of marketing

Learning Objectives;

To :

- evaluate the relative advantages of mass marketing and niche marketing
- assess the significance of market segmentation and how this might be achieved
- understand the importance of customer relationship marketing

Resources needed:

Cambridge International AS & A Level
COURSEBOOK by Peter Stimpson & Alastair Farquharson

Homework/Assignments:

Solve case study: Tesco is market leader in Thailand