



# KS4 Grade 8 -Term 3 Curriculum

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# ENGLISH



## Key Themes:

**ESL:** Local, national, global areas of interest.

**EFL:** Empiricism, Disguise, Friendship, Loyalty.

## Key Skills:

**ESL:** Inference and deduction in exploring the layers of meaning.

**EFL:** Skimming and Scanning; retrieval of information; understanding of overall message; inference and deduction; Reading for Writing.

# ENGLISH



- **Topic Coverage:**

## **ESL:**

**Informational text: non- fiction reading, unseen passages and comprehension.**

## **EFL:**

**Anthology of mystery stories: Fiction reading, unseen passages and comprehension.**

# ENGLISH



- **Assessment Objectives:**

To extract and scan for specific information and related vocabulary from the given text.

- **Progress Checks**

- Kahoot
- Quizziz.com
- Exit Ticket

# ENGLISH



- **Links to resources/Study Material**

## ESL:

<https://www.sevenstepswriting.com/informative/informative-writing-samples/>

## EFL:

<https://www.masterclass.com/articles/essential-elements-of-a-mystery-story#10-elements-of-a-mystery-story>

- **Homework:**

- SAM learning
- Active Learn
- Read Theory

# MATHEMATICS



## • Key Themes:

**Factors.**

**Algebraic fractions**

**Geometry/ Measurement.**

**Graphs**

**Coordinate Grid.**

**Data Analysis.**

**Percentages**

# MATHEMATICS



## • Key Skills:

- Use numerical skills in real life situations.
- Use algebra to setup and solve problems.
- Construct and use graphs.
- Problem solving skills by translating problems in mathematical or non mathematical context .
- into a process or series of mathematical processes.
- Reasoning skills by interpreting and communicating information accurately.



# MATHEMATICS



## • Topic Coverage:

Algebra 3

Graphs 3

Shape and space 3

Handling data 2

Number 4

Algebra 4

# MATHEMATICS



## • Assessment Objectives:

Demonstrate knowledge ,understanding and skills in numbers, Algebra, Shapes and Space measurement and graphs.

## • Progress Checks

- KWL chart
- Exit ticket
- Quizzes
- Kahoot
- Feedback grids
- Puzzles
- Tessellation

# MATHEMATICS



- **Links to resources/Study Material:**

<https://www.pearsonactivelearn.com/app/library/series/view/603944?foc=true&#/teacherbooks>

- **Homework:**

- Samlearning
- Active learn exercises
- Myimaths tasks.

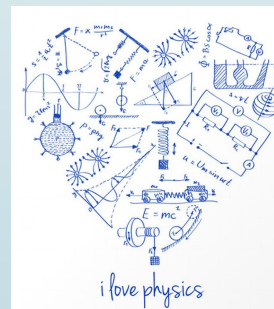
# PHYSICS



## Key Themes: Topic: 4 - Energy Resources and Energy Transfer

### Key Skills:

- Analysis and Interpretation of Graphical Data
- Reasoning and Problem Solving
- Application of Knowledge for Critical Thinking
- Application of Theoretical and Practical Knowledge to Exam-Style Questions
- Scientific Investigation and Practical Skills
- Language Acquisition and Mathematical Skills
- Independent Learning Skills
- Extended Writing
- Evaluation of Data taking into account Accuracy and Validity



# PHYSICS



## Topic Coverage:

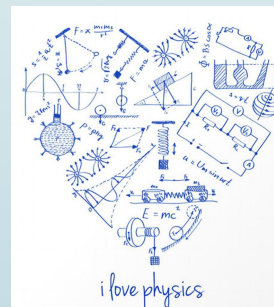
- 16. Work and Power
- 17. Energy Resources and Electricity Generation

## Links to resources/Study Material

- SPECIFICATION
- Edexcel IGCSE Physics Revision Notes | Topic Questions | Past Papers
- GCSE Physics (Single Science) - Edexcel

## Homework:

- Extended essay style tasks (response to BIQ Questions)
- Application of knowledge to practice questions
- Extended reading



# PHYSICS



## Assessment Objectives:

- AO1 - Demonstrate knowledge and understanding of physics.
- AO2 - Application of knowledge and understanding, analysis and evaluation of physics.
- AO3 - Experimental skills, analysis and evaluation of data and methods in physics.

## Progress Checks

- Timed past paper questions
- Lab investigation reports
- Nearpod
- Quizzes
- GCSEpod
- SAM Learning tasks



# CHEMISTRY

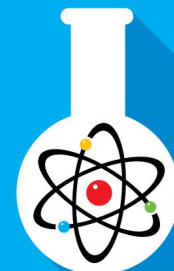


## Key Themes:

Topic: 1 - Principles of Chemistry and Topic: 2 - Inorganic Chemistry

## Key Skills:

- Analysis and Interpretation of Graphical Data
- Reasoning and Problem Solving
- Application of Knowledge for Critical Thinking
- Application of Theoretical and Practical Knowledge to Exam-Style Questions
- Scientific Investigation and Practical Skills
- Language Acquisition and Mathematical Skills
- Independent Learning Skills
- Extended Writing
- Evaluation of Data taking into account Accuracy and Validity



# CHEMISTRY



## Topic Coverage:

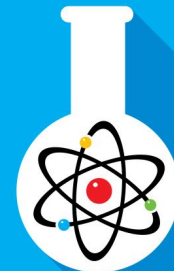
- 5. Chemical Formulae, Equation and Calculations (Part 1)
- 6. Chemical Formulae, Equation and Calculations (Part 2)
- 10. Electrolysis
- 11. The Alkali Metals
- 12. The Halogens
- 13. Gases in the atmosphere

## Links to resources/Study Material

- SPECIFICATION
- Edexcel IGCSE Chemistry Revision Notes | Topic Questions | Past Papers
- GCSE Chemistry (Single Science) - Edexcel

## Homework:

- Extended essay style tasks (response to BIQ Questions)
- Application of knowledge to practice questions
- Extended reading





# CHEMISTRY

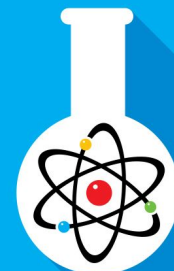


## Assessment Objectives:

- AO1 - Demonstrate knowledge and understanding of chemistry.
- AO2 - Application of knowledge and understanding, analysis and evaluation of chemistry.
- AO3 - Experimental skills, analysis and evaluation of data and methods in chemistry.

## Progress Checks

- Timed past paper questions
- Lab investigation reports
- Nearpod
- Quizzes
- GCSEpod
- SAM Learning tasks



# BIOLOGY



## Key Themes:

Topic: 4 - Ecology and Environment and Topic: 3 - Plant Physiology

## Key Skills:

- Analysis and Interpretation of Graphical Data
- Reasoning and Problem Solving
- Application of Knowledge for Critical Thinking
- Application of Theoretical and Practical Knowledge to Exam-Style Questions
- Scientific Investigation and Practical Skills
- Language Acquisition and Mathematical Skills
- Independent Learning Skills
- Extended Writing
- Evaluation of Data taking into account Accuracy and Validity



# BIOLOGY



## Topic Coverage:

- 14. Ecosystem
- 15. Human Influences on the environment
- 11. Transport in Plants
- 13. Reproduction in Plants

## Links to resources/Study Material

- SPECIFICATION
- Edexcel IGCSE Biology Revision Notes | Topic Questions | Past Papers
- GCSE Biology (Single Science) - Edexcel

## Homework:

- Extended essay style tasks (response to BIQ Questions)
- Application of knowledge to practice questions
- Extended reading



# BIOLOGY



## Assessment Objectives:

- AO1 - Demonstrate knowledge and understanding of biology.
- AO2 - Application of knowledge and understanding, analysis and evaluation of biology.
- AO3 - Experimental skills, analysis and evaluation of data and methods in biology.

## Progress Checks

- Timed past paper questions
- Lab investigation reports
- Nearpod
- Quizzes
- GCSEpod
- SAM Learning tasks



# GEOGRAPHY



## • Key Themes:

- Different types of hazard
- Impact of tectonic hazards
- Protecting and preparing for earthquakes
- Responding to hazards

## • Key Skills:

- Problem solving and critical thinking skill
- Research skill
- Communication and interpersonal skill
- Extended writing skill



# GEOGRAPHY



## • Topic Coverage:

- Different types of hazard
- Tropical cyclone
- Volcanic eruption and earthquakes
- The scale of tectonic hazard
- Impact of tectonic hazards
- Reasons for living in high risk areas
- Tropical cyclone and their impacts
- Protecting and preparing for earthquakes
- Responding to hazards



# GEOGRAPHY



## • Assessment Objectives:

- Demonstrate knowledge and understanding of geographical similarities and differences
- links between places.
- Analyse how human activity relies on natural systems
- Critical knowledge.
- Problem solving.

## • Progress Checks

- Exit ticket
- Kahoot
- Quizizz
- Mentimeter Time to climb
- Nearpod
- Sam Learning



# GEOGRAPHY



## • Links to resources/Study Material

<https://www.youtube.com/watch?v=7sCu4qNgcCs>

<https://www.ifrc.org/en/what-we-do/disaster-management/about-disasters/definition-of-hazard/volcanic-eruptions/>

<https://www.britannica.com/science/earthquake-geology>

## • Homework:

- Exam Wizard
- Case study
- Reading comprehension
- Sam Learning
- Research
- Quizzes





# HISTORY



## • Key Themes:

- Sovereign constitutional system of Japan
- Information of South Africa
- Nelson Mandela
- US strategy was to stop communist taking over in South Vietnam

## • Key Skills:

- Chronological skill
- Research skill
- Analysis and interpretation skill
- Extended writing skill

# HISTORY



## • Topic Coverage:

- Sovereign constitutional system of japan
- Japan's development
- Information of south Africa
- Policy of apartheid and its impact
- Nelson Mandela
- Us strategy- to stop communist taking over in south Vietnam
- Vietcong's guerrilla tactics



# HISTORY

## • Assessment Objectives:

- Demonstrate knowledge
- Understanding of historical issues between places
- Analyse how human activity relies on natural systems
- Critical knowledge,
- Problem solving skill

## • Progress Checks:

- Exit ticket
- Kahoot
- Quizizz
- Nearpod activities

# HISTORY



- **Links to resources/Study Material:**

<https://www.britannica.com/place/South-Africa>

<https://www.youtube.com/watch?v=PyfOrbO0xf4>

[https://www.youtube.com/watch?v=oUQ\\_RxPzKMY](https://www.youtube.com/watch?v=oUQ_RxPzKMY)

- **Homework:**

- Exam Wizard
- Case study
- Reading comprehension
- Exam style questions



# BUSINESS

- **Key Themes:**

**Marketing and business operations**

- **Key Skills:**

**Marketing**

**This section focuses on identifying and satisfying customer needs in a changing and competitive international environment.**

**Business operations**

**This section examines the way organisations use and manage resources to produce goods and services.**

**Essay writing and research skills**

# BUSINESS



## • Topic Coverage:

- **Barriers to communication**
- **Decision on location**
- **Market research**
- **Technology in production**

# BUSINESS



- **Assessment Objectives:**

- To understand the marketing data, including market research data.
- Give a statement of fact, with two further expansion points.

- **Progress Checks**

- Quizzes
- Questioning
- GCSE pod & SAM learning assignments
- Kahoot



# BUSINESS

## • Links to resources/Study Material:

<https://www.tutor2u.net/business>

<http://www.pastpapersz.com/edexcel/igcse-business-studies/>

<https://www.gcsepod.com/>

## • Homework:

- Sam learning
- GCSE pods
- Google classroom questions & assignments



# ECONOMICS



- **Key Themes:**

Macro economic objectives

- **Key Skills:**

To focus on the objectives of the economy

Students need to have application, evaluation and research skills.



# ECONOMICS



## • Topic Coverage:

- Economic growth
- Inflation
- Unemployment
- Balance of payment



# ECONOMICS



## • Assessment Objectives:

- Evaluation and application of knowledge
- Demonstrate knowledge understanding of geographical similarities and differences
- Links between places.
- Analyse how human activity relies on natural systems
- Critical knowledge.

## • Progress Checks:

- Quiz.com
- Questioning
- Gcse pods and sam learning
- menti.com



# ECONOMICS



## • Links to resources/Study Material:

- <https://www.youtube.com/watch?v=OPV1BOs1ISI&t=116s>
- <http://www.pastpapersz.com/edexcel/igcse-economics/>
- <https://www.tutor2u.net/economics/topics/macroeconomics>

## • Homework:

- Exam Wizard
- Case study
- Reading comprehension
- Exam style questions



# PHYSICAL ED.



- **Key Skills:**
- **Topic: BADMINTON**
  - Skills- Grip (forehand and backhand), serve, foot work, strokes, scoring, singles, doubles, points, rules and regulations
- **Topic: TABLE-TENNIS**
  - Skills-serve, foot work, anticipation, Forehand/back hand, scoring, rules and regulations
- **Topic: SPORTS SCIENCE**
  - Theory- Anatomy and physiology, Respiratory and circulatory system, Biomechanics.

# ICT

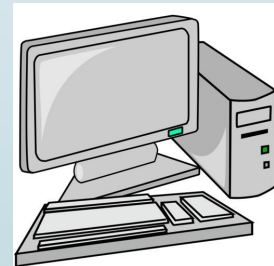


## • Key Themes:

- Unit 3: Operating Online
- Impact of the Internet
- Risk to data and information

## • Key Skills:

- Analysis
- Personal and social responsibility
- Problem solving
- Critical thinking
- Interpretation



# ICT



## • Topic Coverage:

### Chapters 6: Risk to data and Personal information

1. Introduction to risk to data and personal information
2. Methods to secure information online
3. Back up procedures
4. Online Payment



# ICT



- **Assessment Objectives:**

**Demonstrate knowledge and understanding of ICT**

**Apply knowledge and Understanding and skills to produce ICT based solutions**

**Analyse, Evaluate and make responsible Judgements and present conclusion**

- **Progress Checks**

**End of Chapter questions**

**Quizzes, Kahoot, Menti.Com**





- **Links to resources/Study Material:**

GCSE Pod videos uploaded in google classroom

- **Homework:**

- Past paper tasks.
- GCSEPod Tasks
- Sam Learning



# ARABIC A



- Key Themes:

النصوص - التطبيقات اللغوية - الرواية

- Key Skills:

القراءة - الاستماع - المحادثة - الكتابة

# العربية

# ARABIC A



## • Topic Coverage:

النصوص حولنا

عالم الذئاب الملهم

الأيل

عالم البراري

حيوانات مهاجرة

هل الوطن ضرورة ملحة

صيد الحيوانات متعة أم إيذاء

# العربية

# ARABIC A



## • Assessment Objectives:

يحدد الفكرة الرئيسية والمعلومات الصريحة والضمنية مستشهدا بأدلة متعددة لدعم رأيه  
يلخص النص بموضوعية ناقلا غاية الكاتب بدقة  
يقترح حلولاً لمشكلات حياتية  
يستخدم المفردات حسب اشتقاقها ومعناها المعجمي

## • Progress Checks

# العربية

نماذج جوجل

كاهوت

بادليت

أوراق العمل

# ARABIC A



- **Links to resources/Study Material**

الكتاب المدرسي الإلكتروني

- **Homework:**

نماذج جوجل  
أوراق عمل  
تكليفات صفوف جوجل

العربية

# ARABIC B



- **Key Themes:**

دراسة نصوص حية قريبة من الواقع والحقيقة التي يحتاجها الطالب في حياته اليومية  
دروس مبنية على التدرج والتطبيق وجعل الطالب محور العملية التعليمية

- **Key Skills:**

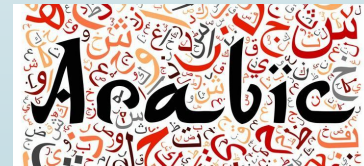
القراءة - الاستماع - المحادثة - الكتابة

# ARABIC B



- Topic Coverage:

وَظَائِفِ مَسْتَقْبَلِيَّةِ  
النَّظَافَةِ  
العَمَلِ التَّطَوُّعِيِّ  
التَّكْنُوْلُوجِيَا



# ARABIC B

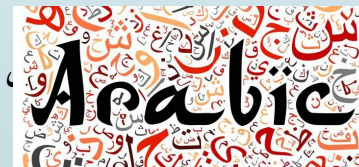


## • Assessment Objectives:

- أن يستطيع أن يصمم الطالب سيرته الذاتية
- أن يستطيع أن ينشئ الطالب فقرة عن العمل.
- أن يستطيع أن يقترح الطالب طرق للاستفادة من وقت الفراغ.
- أن يستطيع أن يصيغ الطالب حواراً لمقابلة شخصية.
- أن يستطيع أن يصف الطالب الأماكن العامة في الإمارات
- أن يستطيع أن يقارن الطالب بين النظافة الشخصية والعامة
- أن يستطيع أن يبدي الطالب رأيه في نظافة الشوارع - المدارس - المواصلات

## • Progress Checks:

• بادلييت - كويزي-كاهوت - أوراق عمل - تكليفات صفوف جوجل





# ARABIC B



- **Links to resources/Study Material:**

الكتاب المدرسي إلكتروني

- **Homework:**

نماذج جوجل - بادليت - كويزي-كاهوت - أوراق عمل - تكليفات صفوف جوجل



# ISLAMIC A

- **Key Themes:**

- الآيات القرآنية - الأحاديث النبوية - قيم الإسلام وآدابه

- **Key Skills:**

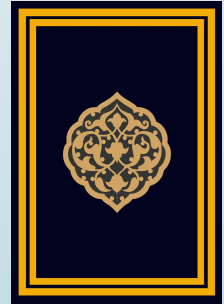
تلاوة وحفظ الآيات القرآنية والأحاديث النبوية  
وتطبيق تعاليم الإسلام.



# ISLAMIC A

## • Topic Coverage:

- الوحي الإلهي القرآن الكريم سورة يس قدرة الله تعالى - 1
- الوحي الإلهي الحديث الشريف درس الإقتداء في الخير- 2
- تعاليم الإسلام وآدابه درس صحتي مسؤوليتي- 3
- تعاليم الإسلام وآدابه درس الأيمان والنذور- 4
- القضايا المعاصرة درس العلم نور ورفعة - 5
- قيم الإسلام درس صلة الأرحام - 6
- الوحي الإلهي القرآن الكريم أدلة وحدانية الله تعالى سورة- 7  
يس



# ISLAMIC A

- **Links to resources/Study Material:**
- **الكتاب المدرسي الإلكتروني.**
- **Homework:**
- **نماذج جوجل - أوراق عمل - تكليفات صفوف جوجل**





# ISLAMIC B

- **Key Themes:**

Divine Revelation Holy Quran, Noble Hadeeth, Islamic Values and manners, Islamic principles

- **Key Skills:**

Quran Recitation and Memorization



# ISLAMIC B



## • Topic Coverage:

- Surah Yasin Verses 34 to 83
- Getting closer to Allah
- Actions are Judged by Intentions
- Knowledge brings enlightenment and high status
- Oaths & vows
- Merits of Believers



# ISLAMIC B

## • Assessment Objectives:

- Recite the verses while observing the rules of recitation.
- Extract the meanings of the vocabulary with the overall meaning of the verses and hadith.
- Student demonstrates an understanding of the values and etiquette of Islam.
- student demonstrates an understanding and knowledge of Sharia rulings.
- To apply the values, manners and teachings he has learned in his life.

## Progress Checks:

Google Forms - Worksheets - Class Assignments-Online quiz-Padlet



# ISLAMIC B



## • Links to resources/Study Material:

Islamic Studies Textbook  
Quran.com

## Homework:

- Google Forms
- work papers
- Google class assignments







Have a wonderful day!