



BIOLOGY

Books & Publications

Biology Course book Cambridge IGCSE By Mary Jones and Jeoff Jones

Biology Workbook Cambridge IGCSE By Mary Jones and Jeoff Jones

Biology Practical Workbook Cambridge IGCSE By Mary Jones and Jeoff Jones

FIRST TERM

1. CHAPTER 1 CHARACTERISTICS AND CLASSIFICATION OF LIVING ORGANISMS
2. CHAPTER 2 CELLS
3. CHAPTER 3 MOVEMENT INTO AND OUT OF CELLS
4. CHAPTER 4 BIOLOGICAL MOLECULES
5. CHAPTER 5 ENZYMES

FIRST TERM EXAM

SECOND TERM

6. CHAPTER 6 PLANT NUTRITION
7. CHAPTER 7 HUMAN NUTRITION
8. CHAPTER 14 REPRODUCTION
9. SKELETAL SYSTEM AND RECREATIONAL DRUG (TEACHER RESOURCES)

SECOND TERM EXAM

THIRD TERM

10. CHAPTER 8 TRANSPORT IN PLANTS
11. CHAPTER 9 TRANSPORT IN ANIMALS

THIRD TERM EXAM

Note: Term Exams may contain chapters from previous terms.



CHEMISTRY

Books & Publications

- 1) Chemistry Coursebook by Richard Harwood, Ian Lodge & Chris Millington.
- 2) Chemistry Workbook by Richard Harwood, Ian Lodge & Mike Wooster.
- 3) Chemistry Practical Lab Book by Michael Starcher
- 4) Chemistry GL Assignments

FIRST TERM

Sr.	Chapter	Textbook PageNos.	Workbook Page Nos.
1	States of matter	1 - 27	2 - 15
2	Experimental design and separation techniques	404 - 425	240 - 249
3	Atomic structure	28 - 46	16 - 25
4	Chemical formulae and equations	73 - 98	38 - 49

FIRST TERM EXAM

SECOND TERM

Sr.	Chapter	Textbook Page Nos.	Workbook Page Nos.
1	The periodic Table	259 - 267, 270 - 276	147 - 149, 153 - 160
2	Chemical calculations	99 -122	50 - 62
3	Types of reactions (10.1 & 10.2)	203 - 218	112 - 119

SECOND TERM EXAM

THIRD TERM

Sr.	Chapter	Textbook Page Nos.	Workbook Page Nos.
1	Chemical bonding	47 - 72	26 - 27
2	Chemistry of our environment	325 - 343	191 - 204
3	Fertilizers (9.3)	197 - 202	104 - 106

THIRD TERM EXAM

Note:

The Chapter chemical formulae & Chemical equation is included in the second term Exam and the third term Exam portions.



Gr. VIII

2024 -2025

ICT

Books & Publications

- ICT for Cambridge IGCSE

FIRST TERM

Chapter 1:

Types and components of computer system

Chapter 2:

Input and Output Devices

Practical:

1. Python (Python Introduction, Arithmetic Operations, IF statements (If, If ..else, If .. elif....else) List, sets, strings etc
2. Chapter 17 & 18
3. Past Papers: Paper 2 & Paper 3 (2024, 2023, 2022) above 2 topics only

FIRST TERM EXAM

SECOND TERM

Chapter 3:

Storage

Practical:

Python (Loops: For and While), Chapter 19 (Presentations) Chapter 20 (Spreadsheets)

Past Papers:

Paper 2 & Paper 3 (2024, 2023, 2022) above 2 topics only

SECOND TERM EXAM

THIRD TERM

Chapter 4:

Networks

Practical:

Web authoring (Chapter 23)

Past Papers:

Paper 2 & Paper 3 (2024, 2023, 2022) above topic only

THIRD TERM EXAM



Gr. VIII

2024 -2025

ECONOMICS

Books & Publications

1. Cambridge IGCSE® and O Level Economics Second edition Course book with Digital Access (2 years)
2. Cambridge IGCSE & O Level Economics Workbook

FIRST TERM

1. The nature of the economic problem
2. The factors of production
3. Opportunity cost
4. Production possibility curve (PPC) diagrams
5. Micro economics and macro economics
6. The role of markets in allocating resources

FIRST TERM EXAM

SECOND TERM

7. Demand
8. Supply
9. Price determination
10. Price changes
11. Price elasticity of demand (PED)
12. Price elasticity of supply (PES)

SECOND TERM EXAM

THIRD TERM

13. Market economic system
14. Market failure
15. Mixed economic system

THIRD TERM EXAM



Gr. VIII

2024 -2025

ENGLISH

Books & Publications

1. Cambridge IGCSE English as a Second Language - Coursebook
2. Cambridge IGCSE English as a Second Language - Workbook
3. Digital Resources
4. IGCSE Past Papers

FIRST TERM

Part 1 – Leisure and Treasure

1. **Unit: 1 Sports and Free Time**
Coursebook Pg 4-19
Workbook Pg 2-12
2. **Unit:2 Digital Life**
CoursebookPg 20-36
Workbook Pg 13-25
3. **Unit: 3 Food**
Coursebook Pg 37- 48
Workbook Pg 26-35
4. Speaking Cards -1
5. IGCSE past papers
6. **Writing Task**
i) Unit 3 Review Pg 48, ii) Informal letter(past papers)
7. **Grammar**
i. GLA Resources
8. **Punctuation, Spelling and Figures of SpeechGL Resources**

FIRST TERM EXAM

SECOND TERM

Part 1 – Leisure and Treasure

1. **Unit: 4 Transport**
Course Book Pg 49-61
Workbook Pg 36-45
2. **Unit: 5 Holidays**
Coursebook Pg 62
Workbook 46-54
3. **Speaking Cards -2**
4. **IGCSE past papers**
5. **Writing Task**
i) Essay Writing (Past Papers), ii) Report (past papers)
6. **Grammar**
i) GLA Resources
Punctuation, Spelling and Figures GL Resources



SECOND TERM EXAM

THIRD TERM

Part 2 - Education and Work

1. Unit: 6 Learning and Study Skill

Course Book Pg 76-89

Workbook Pg 55-65

2. Unit: 7 Interviews

Coursebook Pg 90-105

Workbook Pg 66-75

3. Speaking Cards -3

4. IGCSE past papers

5. Writing Task

i) Unit 7 Email (informal Writing) Pg 97

6. Grammar

GLA Resources

Punctuation & Spelling GL Resources

THIRD TERM EXAM



GLOBAL PERSPECTIVE

Books & Publications

- Cambridge Lower Secondary Global Perspectives Learner's Skill Book 9
- Cambridge IGCSE and O Level *Global Perspectives*

FIRST TERM

Cambridge Lower Secondary Global Perspectives
Learner's Skill Book 9

Section 1: Research

Starting with research skills
Developing research skills
Getting better at research skills

Section 2: Analysis

Starting with analysis skills
Developing analysis skills
Getting better at analysis skills

Section 3: Evaluation

Starting with evaluation skills
Developing evaluation skills
Getting better at evaluation skills

Section 4: Reflection

Starting with reflection skills
Developing reflection skills
Getting better at reflection skills

Section 5: Communication

Starting with communication skills
Developing communication skills
Getting better at communication skills



SECOND TERM

Cambridge IGCSE (Global Perspective)

Component 1: Written Paper

1. Chapter 1: Getting started with Cambridge Perspectives.
2. Chapter 2: Active Learning

AO1 Research, analysis and evaluation

Past Papers:

Q1: Analyse the information, arguments and perspectives presented about the global issue.

THIRD TERM

1. Chapter 3: Analysis

AO1 Research, analysis and evaluation

Past Papers:

Q1: Analyse the information, arguments and perspectives presented about the global issue.

Q2: There will be two parts to the question. Evaluate the research or evidence and suggest ways to research or test a claim related to the global issue.

Note: Global Perspectives gives learners the opportunity to think about significant global issues and to consider these from different perspectives. It develops a set of transferable skills in research, analysis, evaluation, communication, collaboration and reflection.

National Identity

National Identity themes & elements: Culture (Arabic Language, History & Heritage), Values (Respect, Compassion & Global / Cultural Understanding), and Citizenship (National belonging, volunteering & conservation).



ISLAMIC EDUCATION / T.ISLAMIYAH (NMT)

Books & Publications

- 1-Islamic Education, Gr. 8, Part-1 & 2, MOE, UAE, Edition: 2023-2024
- 2-Islam Belief and Teachings by Ghulam Sarwar
Muslim Trust (IFUK) (Ref .Book)
- 3-Islamiyat for Students by Farkhanda Noor
Feroz Sons(KHI) (Ref .Book)
- 4-An Introduction to Islamiyat-History, Beliefs and Practices by Nighat
Farooq Bajwa (Oxford University Press) (Ref .Book)

FIRST TERM

1.Articles of Faith

1.1Tawheed (Belief in oneness of God)

- i. Master of the universe
- ii. Without any partner/ Shirk
- iii. Attributes of Allah (SWT)/ 99 characteristics(names)
- iv. What Muslims believe about Tawheed

1.2Angels

- i. Nature and duties of angels
- ii. Characteristics of angels

Sincerity (Ikhlas)

Actions are Judged by Intentions

Islamic Education -1

Islamic Education -1

2. Major themes of Quran

Allah in Himself

اللَّهُ لَا إِلَهَ إِلَّا هُوَ الْحَيُّ الْقَيُّومُ، لَا تَأْخُذُهُ سِنَّةٌ وَلَا نَوْمٌ، لَهُ مَا فِي السَّمَوَاتِ وَمَا فِي الْأَرْضِ، مَنْ ذَا الَّذِي يَشْفَعُ عِنْدَهُ إِلَّا بِإِذْنِهِ، يَعْلَمُ مَا بَيْنَ أَيْدِيهِمْ وَمَا خَلْفَهُمْ، وَلَا يُحِيطُونَ بِشَيْءٍ مِنْ عِلْمِهِ إِلَّا بِمَا شَاءَ، وَسِعَ كُرْسِيُّهُ السَّمَوَاتِ وَالْأَرْضَ، وَلَا يَئُودُهُ حِفْظُهُمَا، وَهُوَ الْعَلِيُّ الْعَظِيمُ

(Surah Al- Baqarah 02 :255)

قُلْ هُوَ اللَّهُ أَحَدٌ ۝ اللَّهُ الصَّمَدُ ۝ لَمْ يَلِدْ وَلَمْ يُولَدْ ۝ لَمْ يَكُنْ لَهُ كُفُوًا أَحَدٌ ۝

(Surah Al-Ikhlās 112:1-4)

لَهُ مَا فِي السَّمَوَاتِ وَمَا فِي الْأَرْضِ، وَهُوَ الْعَلِيُّ الْعَظِيمُ ۝

تَكَادُ السَّمَوَاتُ يَتَفَطَّرْنَ مِنْ فَوْقِهِنَّ، وَالْمَلَائِكَةُ يُسَبِّحُونَ بِحَمْدِ رَبِّهِمْ وَيَسْتَغْفِرُونَ لِمَنْ فِي الْأَرْضِ، أَلَا إِنَّ اللَّهَ هُوَ الْغَفُورُ الرَّحِيمُ

٥

(Surah Ash -Shura 42:4-5)



3. The Life and the importance of the Prophet Muhammad (pbuh)

3.1 The main events of the Prophet's life from his birth to his call to prophet hood

- i. His upbringing in desert (1st Journey to Syria, Harbul Fijar, Hilful Fuzul)
- ii. Role of Abu Talib, Abu Bakr and Khadija(R.A)
- iii. Fixing of black stone

3.2 His experiences with his opponents

- i. Ways and reasons of persecution
- ii. Boycott
- iii. Journey to Taif
- iv. Behavior of Abu Lahab
- v. Year of Sorrow
- vi. Al- Isra wal –Mairaj

Honesty of the Prophet

(Surat Yaseen: 1-2)

Islamic Education-I

FIRST TERM EXAM

SECOND TERM

1. Articles of Faith

1.1. Books, their contents and purpose

- i. Importance of belief in Books
- ii. Purpose of the revelation of the books

1.2 Prophets, their character and function

- i. Link between angels and Prophets
- ii. Importance of Prophets in Islam
- iii. Miracles given to chosen Prophets

Merits of the believer

Social cohesion

Islamic Education-II

Islamic Education-II

2. Major themes of Quran

Allah in Himself

بَدِيعُ السَّمَوَاتِ وَالْأَرْضِ أَيُّ يَكُونُ لَهُ وَلَدٌ وَلَمْ تَكُنْ لَهُ صَاحِبَةٌ وَخَلَقَ كُلَّ شَيْءٍ وَهُوَ بِكُلِّ شَيْءٍ عَلِيمٌ ۝ ١٠١ ذَٰلِكُمْ اللَّهُ رَبُّكُمْ لَا إِلَهَ إِلَّا هُوَ خَلَقَ كُلَّ شَيْءٍ فَأَعْبُدُوهُ ۚ وَهُوَ عَلَىٰ كُلِّ شَيْءٍ وَكِيلٌ ۝ ١٠٢ لَا تُدْرِكُهُ الْأَبْصَارُ وَهُوَ يُدْرِكُ الْأَبْصَارَ وَهُوَ
اللطيف الخبير ١٠٣

(Surah Al –An'am 06:101-103)

وَمِنْ آيَاتِهِ اللَّيْلُ وَالنَّهَارُ وَالشَّمْسُ وَالْقَمَرُ ۚ لَا تَسْجُدُوا لِلشَّمْسِ وَلَا لِلْقَمَرِ وَاسْجُدُوا لِلَّهِ الَّذِي خَلَقَهُنَّ إِن كُنتُمْ إِيَّاهُ تَعْبُدُونَ ۝ ٣٧

(Surah Fussilat 41:37)

3. The Life and the importance of the Prophet Muhammad (pbuh)



3.1 Migration to Madinah (Hijrah)

- Migration to Abyssinia and its significance
- Plot to kill the Prophet and the part played by Ali(R.A)
- Abu Bakr (R.A) and Prophet in the cave of Thawr
- The 1st mosque in Quba
- Arrival at Madinah and building of Mosque
- The charter of Madinah

Modeling good deeds

Islamic Education -II

Maintaining the ties of Kinship

Islamic Education -II

3.2 Events of his activities in Madinah and Conflicts with Makkans

- Battle of Badr
- Battle of Uhad
- Battle of Trench
- Treaty of Hudaibiyah
- Battle of Khyber

The Conquest of Makkah

Islamic Education -I

SECOND TERM EXAM

THIRD TERM

1.Articles of Faith

1.1 God's predestination and decree, its meaning and significance

- Akhirah
- Predestination
- Resurrection and the last day, the main events and its significance
- Belief in Divine decree and Predestination

Islamic Education -I

1.2 Jihad

- Literal meaning and types of Jihad
- Importance of Jihad in Islam

2. Major themes of Quran

Allah's relationship with the created world

الْحَمْدُ لِلَّهِ رَبِّ الْعَالَمِينَ ١ الرَّحْمَنِ الرَّحِيمِ ٢ مَلِكِ يَوْمِ الدِّينِ ٣ إِيَّاكَ نَعْبُدُ وَإِيَّاكَ نَسْتَعِينُ ٤ أَهْدِنَا الصِّرَاطَ
الْمُسْتَقِيمَ ٥ صِرَاطَ الَّذِينَ أَنْعَمْتَ عَلَيْهِمْ غَيْرِ الْمَغْضُوبِ عَلَيْهِمْ وَلَا الضَّالِّينَ ٦

(Surah Al-Fatihah 1:1-6)

يَا أَيُّهَا النَّاسُ اعْبُدُوا رَبَّكُمُ الَّذِي خَلَقَكُمْ وَالَّذِينَ مِنْ قَبْلِكُمْ لَعَلَّكُمْ تَتَّقُونَ ٢١ الَّذِي جَعَلَ لَكُمُ الْأَرْضَ فِرَاشًا
وَالسَّمَاءَ بِنَاءً وَأَنْزَلَ مِنَ السَّمَاءِ مَاءً فَأَخْرَجَ بِهِ مِنَ الثَّمَرَاتِ رِزْقًا لَكُمْ ٢٢ فَلَا تَجْعَلُوا لِلَّهِ أَنْدَادًا وَأَنْتُمْ تَعْلَمُونَ ٢٢



(Surah Al - Baqarah 2: 21-22)

3. The Life and the importance of the Prophet Muhammad (pbuh)

3.1 Events of his activities in Madinah and Conflicts with Makkans

- i. Battle of Hunain
- ii. Battle of Tabuk
- iii. His relation with other states
- iv. His significance as the seal of the prophets
- v. The last days of the Prophet and his last sermon

Rights of women and others

THIRD TERM EXAM

Note:

All the topics mentioned in the syllabus should be taught with reference to the past papers .Students will be informed in case if any part of 1st and 2nd term will be included in 3rd term.



MATHS

Books & Publications

1. Cambridge Primary Mathematics Learner's Book 9

FIRST TERM

- Chapter 1: Number and calculation
- Chapter 2: Expressions and formulae
- Chapter 3: Decimals, percentages and rounding
- Chapter 4: Equations and inequalities
- Chapter 5: Angles
- Chapter 6: Statistical investigations

FIRST TERM EXAM

SECOND TERM

- Chapter 8: Fractions
- Chapter 9: Sequences and functions
- Chapter 7: Shapes and measurements
- Chapter 12: Probability
- Chapter 13: Position and transformation

SECOND TERM EXAM

THIRD TERM

- Chapter 11: Ratio and proportion
- Chapter 10: Graphs
- Chapter 14: Volume, surface area and symmetry
- Chapter 15: Interpreting and discussing results

THIRD TERM EXAM



MORAL EDUCATION

Books & Publications

- **United Arab Emirates (Ministry of Education)**
Moral, Social and Cultural Studies

FIRST TERM

- 1 Lesson 1: (Unit # 01) Definition of Community
- 2 Lesson 2: The Role of Our Communities
- 3 Lesson 3: The Form of Our Communities
- 4 Lesson 5: Communities and Social Groups in the UAE
- 5 Lesson 1: (Unit # 02) Understanding Diversity and Equality

SECOND TERM

- 1 Lesson 1: (Unit # 04) Majlis
- 2 Lesson 2: Sheikh Zayed and the Federal National Council
- 3 Lesson 3: The Consultative Governance in the UAE
- 4 Lesson 5: Combining the Traditional Concept of Majlis with new Technologies
- 5 Lesson 1: (Unit # 5) Understanding the State and Government

THIRD TERM

- 1 Lesson 1: (Unit # 07) Internal Conflicts
- 2 Lesson 2: Managing Internal Conflicts
- 3 Lesson 3: External Conflicts

National Identity Syllabus

National Identity themes & elements: Culture (Arabic Language, History & Heritage), Values (Respect, Compassion & Global / Cultural Understanding), and Citizenship (National belonging, volunteering & conservation).

- **Understanding UAE Culture:** Explore Arabic language, history, heritage, and values such as respect, compassion, and cultural understanding.
- **Symbolism and Traditions:** Examine UAE symbols (national anthem, flag, etc.) and customs (coffee and dates, greetings, etc.).
- **Founding Fathers and Leadership:** Get familiar with the names of founding fathers, current rulers and crown princes. Explore the role of H.H. Sheikh Zayed and other founding fathers in the formation of the UAE, and learn about the current ruler's initiatives.
- **UAE Facts:** Discover geographical, historical, and cultural facts about the UAE.
- **Heritage and Landmarks:** Explore UAE's heritage buildings, ancient civilizations, and famous landmarks.



PHYSICS

Books & Publications

1.CourseBook: Physics for Cambridge IGCSE By David Sang, Mike Follow, & Sheila

Ref Book:

1. Complete Physics By Stephen Pople
2. Physics for you by Keith Johnson

FIRST TERM

1. Chapter: 13 **Light**, Course Book:Pg.231-253
2. Chapter: 5 **Forces and Matter**, Course book
Page Nos. 86-95
3. Chapter: 17 **Static Electricity**, Course book: Pg.310-314
4. Chapter: 1 **Making Measurements**, Course book: Pg.3-11

FIRST TERM EXAM

SECOND TERM

5. Chapter: 6 **Energy Stores and Transfers**, CourseBook,
Pg.104-116
6. Chapter: 7 **Energy Resources**: CourseBook, Pg.125-134
7. Chapter: 8 **Work and Power**:
Coursebook:Pg.141-147

SECOND TERM EXAM

THIRD TERM

8. Chapter: 11 **Thermal Energy Transfers**, CourseBook,
Pg.190-206
9. Chapter: 16 **Magnetism**, CourseBook:Pg.295-303

THIRD TERM EXAM

Note: Term Exams may contain chapters from previous terms.



SOCIAL STUDIES

Books & Publications

1. **United Arab Emirates (Ministry of Education)**
Moral, Social and Cultural Studies

FIRST TERM

- 1 Lesson 1: Lands and Resources of Africa
- 2 Lesson 2: Ancient African Civilizations
- 3 Lesson 4: West African Islamic Civilizations
- 4 Lesson 5: Africa from Colonialism to Independence

SECOND TERM

- 1 Lesson 1: The Land and Physical Geography of North America
- 2 Lesson 2: Indigenous People of North America
- 3 Lesson 5: Modern Canada

THIRD TERM

- 1 Lesson 1: Geography of West Asia
- 2 Lesson 3: The Rise of the Ottoman Empire
- 3 Lesson 4: Suleyman I and Ottoman Istanbul

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- **UAE Facts:** Discover geographical, historical, and cultural facts about the UAE.
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