



## **BIOLOGY**

### **Book & Publication**

- Biology Course book Cambridge University Press by Mary Jones and Jeoff Jones
- Biology Workbook Cambridge University Press by Jeoff Jones

### **FIRST TERM**

1. UNIT 1.1 WHAT IS LIFE?
2. UNIT 1.3 CLASSIFICATION AND SPECIES
3. UNIT 2.1 THE BUILDING BLOCK OF LIFE
4. UNIT 2.3 ANIMAL AND PLANT CELLS
5. UNIT 2.5 SPECIALISED ANIMAL CELLS
6. UNIT 2.6 SPECIALISED PLANT CELLS
7. UNIT 2.8 TISSUES AND ORGANS IN ANIMALS
8. UNIT 5.2 ANAEROBIC AND AEROBIC RESPIRATION
9. UNIT 5.3 ANAEROBIC RESPIRATION
10. UNIT 5.5 THE LUNGS AND GAS EXCHANGE
11. UNIT 5.7 THE EFFECT OF EXERCISE ON THE BREATHING RATE

### **FIRST TERM EXAM**

### **SECOND TERM**

12. UNIT 6.1 THE FOOD WE EAT (ROLE OF BACTERIA IN GUT: TEACHER RESOURCES)
13. UNIT 6.4 BALANCED DIET
14. UNIT 6.6 STARVATION, OBESITY AND HEALTH
15. UNIT 6.9 THE HUMAN SKELETON
16. UNIT 9.2 PHOTOSYNTHESIS
17. UNIT 9.3 THE EVIDENCES FOR PHOTOSYNTHESIS
18. UNIT 9.5 THE NEED FOR MINERALS
19. PLANT REPRODUCTION (TEACHERS RESOURCES)/ GL ASSESSMENT)

### **SECOND TERM EXAM**

### **THIRD TERM**

20. UNIT 7.3 THE INTERDEPENDENCE OF ORGANISMS
21. UNIT 3.7 FOOD CHAINS, FOOD WEB AND DECOMPOSER
22. UNIT 11.1 REPRODUCTION: A CHARACTERISTIC OF LIFE
23. UNIT 11.4 VARIATION BETWEEN INDIVIDUALS
24. UNIT 13.2 NATURAL SELECTION IN ACTION
25. UNIT 13.3 ENVIRONMENTAL CHANGE AND NATURAL SELECTION
  - Structure and function of major organ system (Teacher resource TIMSS)
  - Life cycles pattern of development (Teacher resource TIMSS)
  - Causes transmission and prevention (Teacher resource TIMSS)

### **THIRD TERM EXAM**

Note: Each Term Exam will be based on the chapters mentioned above



## CHEMISTRY

### Books & Publications

- Cambridge Lower Secondary Complete Chemistry Textbook (Second edition)
- Cambridge Lower Secondary Complete Chemistry Workbook (Second edition) by Philippa Gardom Hulme, Anna Harris, Onn May Ling.
- Chemistry GL Assignment

### FIRST TERM

Sr.	Chapter	Textbook Page Nos.	Workbook Page Nos.
1	Atoms & Molecules	36,37,40,41,62,63, 68,69,70,71	14(1,2,3,4),16(1,2,3,4), 26(1,2), 29(1,2,3),30(1,2,3)
2	States of matter	20-23, 26-27, 30-31	7(1,2), 8(1,2,3,4,Ext), 10(1,2,3), 12(1,2)
3	Structure of atoms	114,115,122,123, 172,173	47(1,2,3,4),51(1,2,3,4) 72(1,2,3)
4	Valency, Formulae & Equations	174,175,148,149, 204,205	73(1,2,3), 62(1,2,3,4), 86(1,2,3)

### FIRST TERM EXAM

### SECOND TERM

Sr.	Chapter	Text book Page Nos.	Workbook Page Nos.
1	Elements, Compounds, Mixtures	46, 47, 52-57, 128-131	19 (1,2,3), 22(1,2,3, Ext), 23(1,2,3), 24(1,2,3), 53(1,2,3), 54(1,2,3, Ext)
2	Earth & Atmosphere	102,103,104-109	43(1,2,3), 44(1,2), 45(1,2), 46(1,2)
3	Acid, Alkalis, Salts	88-93, 212-215	37(1,2,3), 38(1,2), 39(1,2) 90(1,2,3), 91(1,2,3,4)

### SECOND TERM EXAM

### THIRD TERM

Sr.	Chapter	Textbook Page Nos.	Workbook Page Nos.
1	Gases in the lab	98,99	42(1,2)
2	Reactivity series	150-151, 156 -159, 160-161, 162-163,	63(1,2,3), 66(1,2,3), 67(1,2), 68(1,2), 69(1,3,4)
3	Chemical and Physical Test for water		

### THIRD TERM EXAM

Note: The Chapter Valency, Formulae & Equations is included in the 2<sup>nd</sup> & 3<sup>rd</sup> Term Exam portion.



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## ENGLISH

### Books & Publications

1. Cambridge Global English Learner's Book 8
2. Cambridge Global English Workbook Book 8 & Practice worksheets
3. Stories of Ourselves

### FIRST TERM

#### **LB: UNIT 1 – LANGUAGES OF THE WORLD (PG 12-32)**

- |     |                            |           |
|-----|----------------------------|-----------|
| 1.1 | My language, your language | Pg. 12-13 |
| 1.2 | Teach yourself Tok Pisin   | Pg. 14-15 |
| 1.4 | Do you like emoji?         | Pg. 18-19 |
| 1.6 | An A to Z of idioms        | Pg. 22-23 |
| 1.7 | Improve your writing       | Pg. 24-25 |
| 1.8 | Project challenge          | Pg. 26    |
| 1.9 | Poetry                     | Pg. 28-30 |
|     | Check your progress        | Pg. 31-32 |

#### **LB: UNIT 2 – DESIGN AND ARCHITECTURE (PG 33-54)**

- |     |                           |           |
|-----|---------------------------|-----------|
| 2.1 | Bars, boxes and bottles   | Pg. 34-35 |
| 2.2 | Why is an egg egg-shaped? | Pg. 36-37 |
| 2.7 | Improve your writing      | Pg. 46-47 |
|     | Check your Progress       | Pg. 53-54 |

#### **LB: UNIT 3 – OUR SOCIETY (56-76)**

- |     |                        |           |
|-----|------------------------|-----------|
| 3.1 | My city                | Pg. 56-57 |
| 3.3 | Town or country        | Pg. 60-61 |
| 3.4 | You and your community | Pg. 62-63 |
| 3.5 | Focus on ....Finland   | Pg. 64-65 |
| 3.7 | Improve your writing   | Pg. 68-69 |
| 3.9 | Poetry                 | Pg. 72-74 |
|     | Check your progress    | Pg. 75-76 |

#### **WRITING**

- 1 E-mail writing U-1
- 2 Report writing U-2

#### **STORIES OF OURSELVES -Cambridge Reading**

#### **SPELLING, PUNCTUATION AND GRAMMAR (APPLICATION)**

- 1 Advanced vocabulary: Phrasal verbs and idioms
- 2 Types of sentences: Declarative, Interrogative, Imperative and Exclamatory
- 3 Parts of speech
- 4 Types of Nouns & Pronouns



- 5 Reported Speech - Statements and Interrogatives
- 6 Figures of Speech: simile, metaphor and personification, hyperbole
- 7 Punctuation : Comma, colon, Semi Colon, Dash
- 8 Prefixes and Suffixes
- 9 Present Tense (Full)

*\* All grammar topics in the Learner's book pages mentioned are included.*

## SECOND TERM

### LB: UNIT 4 – ADVERTISING (PG 77-98)

- |                                |           |
|--------------------------------|-----------|
| 4.1 My language, your language | Pg.78-79  |
| 4.2 Teach yourself Tok Pisin   | Pg. 80-81 |
| 4.4 Do you like emoji?         | Pg.84-85  |
| 4.6 An A to Z of idioms        | Pg. 88-89 |
| 4.7 Improve your writing       | Pg. 90-91 |
| 4.5 Project challenge          | Pg. 92    |
| 4.9 Fiction                    | Pg. 94-96 |
| Check your progress            | Pg. 97-98 |

### UNIT 5-NATURAL RESOURCES (99-119)

- |                                   |             |
|-----------------------------------|-------------|
| 5.1 A natural paradise            | Pg. 100-101 |
| 5.5 The lungs of the Earth        | Pg. 108-109 |
| 5.6 Looking back, looking forward | Pg. 110-111 |
| 5.7 Improve your writing          | Pg. 112-113 |
| 5.8 Project challenge             | Pg. 114-115 |
| Check your progress               | Pg. 119-120 |

### WRITING

1. Advertisement U-4.
2. Write an account U-5

### STORIES OF OURSELVES– Cambridge Reading

### SPELLING, PUNCTUATION AND GRAMMAR (APPLICATION)

1. Sentence Simple, complex & compound sentences
2. Types of conjunctions and adverbs
3. Reported Speech (imperative& Exclamatory)
4. Figures of speech: Pun, onomatopoeia, alliteration, assonance& anaphora
5. Advanced punctuation Ellipsis, parenthesis, hyphen
6. Past tense (Full)

*\* All grammar topics in the Learner's book pages mentioned are included.*



### THIRD TERM

#### UNIT 7 - HISTORICAL FIGURE( 143-163)

7.1	Leaders, rulers and explorers	Pg. 148 -149
7.3	Who will be remembered?	Pg. 148 -149
7.5	Islamic Golden Age	Pg. 152 -153
7.6	Leonardo in 3D	Pg. 154 -155
7.7	Islamic Golden Age	Pg. 156 -157
7.9	Leonardo in 3D	Pg. 160 -162
	Check your progress	Pg. 163 -164

#### UNIT 8- STORY TELLING 7 (Pg165-186)

8.1	A good story	Pg. 166-167
8.2	Tales from around the worlds	Pg. 168-169
8.4	A walk in the past	Pg. 172-173
8.5	Aladdin: a traditional story	Pg. 174-175
8.6	Aladdin what happened next	Pg. 176-177
8.7	Improve your writing	Pg. 178-179
8.9	Fiction	Pg. 182-184
	Check your progress	Pg. 185-186

#### WRITING

1. Biography U-7
2. Opinion Essay U-8

#### STORIES OF OURSELVES– Cambridge Reading

#### SPELLING, PUNCTUATION AND GRAMMAR(APPLICATION)

1. Parts Of Speech and types (Revision Term 1&2)
2. Sentence Structure and types (Revision Term 1&2)
3. Advanced Punctuation (Revision Term 1&2)
4. Figures of speech(Revision Term (Revision Term 1&2)
5. Reported Speech (All types Term 1&2)
6. Comprehension Practice GL Model

*\* All grammar topics in the Learner's book pages mentioned are included.*

## GLOBAL PERSPECTIVE

### Books & Publications

- Cambridge University Press / Primary Global Perspectives

#### FIRST TERM

##### 1. Research

Lesson 2: Starting with Research Skills  
Lesson 5: Developing research Skills  
Lesson 7: Getting Better at Research Skills  
Lesson 8: Getting Better at Research Skills

##### 2. Analysis

Lesson 2: Starting with analysis skills  
Lesson 5: Developing analysis Skills  
Lesson 6: Developing analysis Skills  
Lesson 7: Getting Better at analysis Skills

#### SECOND TERM

##### 3. Evaluation

Lesson 1: Starting with Evaluation Skills  
Lesson 4: Developing Evaluation Skills  
Lesson 5: Developing Evaluation Skills  
Lesson 7: Getting Better at evaluation Skills

##### 4. Reflection

Lesson 1: Starting with Reflection skills  
Lesson 4: Developing Reflection Skills  
Lesson 7: Getting Better at Reflection Skills

#### THIRD TERM

##### 5. Collaboration

Lesson 1: Starting with Collaboration Skills  
Lesson 5: Developing Collaboration Skills  
Lesson 7: Getting Better at Collaboration skills

##### 6. Communication

Lesson 1: Starting with Communication skills  
Lesson 4: Developing Communication Skills  
Lesson 5: Developing Communication Skills

**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 Syllabus

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

- Islamic Education, Gr. 7, Part-1 & 2, MOE, UAE, Edition: 2024-2025

#### **FIRST TERM**

##### **Unit One: (Part-1)**

L.2 The people who will be in the shade of the Most Gracious	Pg. 22 – 31
L.6 Sunan Al-Fitra	Pg. 58 – 66

##### **Unit Two: (Part-1)**

L.1 The Absolute Creator, The All-knowing	Pg. 68 – 75
L.2 Repentance is the Opportunity of a lifetime	Pg. 76 – 83

##### **Unit Three: (Part-1)**

L.3 Moderation in spending	Pg. 136 – 145
L.4 Imam Abu Hanifah Al-Nu'man (R.A.)	Pg. 146 – 151
L.5 The Arab Islamic Civilization	Pg. 152 – 157

#### **FIRST TERM EXAM**

#### **SECOND TERM**

##### **Unit Four: (Part-2)**

L.1 Surat Ar-Rahman	Pg. 12 – 25
L.2 The heart and the righteousness of man	Pg. 26 – 36
L.3 The religion of Islam is easy	Pg. 38 – 48
L.4 Thinking in Islam	Pg. 50 – 65
L.5 Working is a worship and civilized act	Pg. 66 – 82

##### **Unit Five: (Part-2)**

L.2 Taking care of Orphan	Pg. 108 – 115
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#### **SECOND TERM EXAM**

#### **THIRD TERM**

##### **Unit Six: (Part-2)**

L.1 The reward of good deeds	Pg. 152 – 164
L.2 Coexistence among people	Pg. 166 – 175
L.3 Majlis and its manners	Pg. 176 – 189
L.4 Rifa'ida Al-Aslamiyah (Pioneer of volunteering work)	Pg. 190 – 199
L.5 The problem of poverty in the Muslim world	Pg. 200 – 210

#### **THIRD TERM EXAM**

*Note:*

*Students must read and go through the whole lesson from the book as they will be examined through the contextual questions. The exam will be prepared only from the lessons of the concerned term.*



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## ICT

### Books & Publications

- Cambridge - Primary Computing Learner's Book 7

#### **FIRST TERM**

##### Chapter 1:

Computational Thinking and Programming

##### Practical:

Python

#### **FIRST TERM EXAM**

#### **SECOND TERM**

##### Chapter 2:

Managing data

##### Chapter 3:

(3.1, 3.3)

##### Practical:

Spreadsheet

#### **SECOND TERM EXAM**

#### **THIRD TERM**

##### Chapter 3:

(3.2)

Networking and digital Communication (Selective Topics)

##### Chapter 4:

Computer System

##### Practical:

Project (HTML)

#### **THIRD TERM EXAM**





## **MATHS**

### **Books & Publications**

#### **1. Cambridge Primary Mathematics Learner's Book 8**

#### **FIRST TERM**

- 1 Chapter 1: Integers
- 2 Chapter 2: Expressions, formulae and equations
- 3 Chapter 3: Place value and rounding
- 4 Chapter 5: Angles and constructions
- 5 Chapter 4: Decimals (Ordering Decimals Divide & Multiplying Decimals)
- 6 Chapter 13: Probability

#### **FIRST TERM EXAM**

#### **SECOND TERM**

- 1 Chapter 7: Fractions
- 2 Chapter 8: Shapes and symmetry
- 3 Chapter 9: Sequences and functions
- 4 Chapter 10: Percentages
- 5 Chapter 14: Position and transformation

#### **SECOND TERM EXAM**

#### **THIRD TERM**

- 1 Chapter 11: Graphs
- 2 Chapter 12: Ratio and proportion
- 3 Chapter 15: Distance, area and volume
- 4 Chapter 16: Interpreting and discussing results

#### **THIRD TERM EXAM**



## **MORAL EDUCATION**

### **Books & Publications**

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

### **FIRST TERM**

#### **Unit 1:**

Lesson 1: What is Meant by Duties and Responsibilities?

Lesson 2: Duties and Responsibilities of Parents Towards their Children

Lesson 3: Duties and Responsibilities of Sons and Daughters

Lesson 4: Moral Duties

Lesson 5: The Moral Imperative Rules Governing Behaviour

#### **Unit 2:**

Lesson 1: Staying Safe at Home and Outside

Lesson 2: Responding to Harmful Situations

Lesson 3: First Aid

Lesson 4: Ways of Protection Against Crimes

#### **NI: Knowledge about Leaders**

- Knowledge of current and former leaders.
- Name the rulers of the seven emirates and identify their notable achievements, recognizing them through images.

Marks to be given for Task Performance, Portfolios and Project work

### **SECOND TERM**

#### **Unit 4:**

Lesson 1: Understanding Globalization

Lesson 2: What factors have enabled Globalization?

Lesson 3: Globalization and the UAE.

Lesson 5: Advantages and Disadvantages of Globalization

#### **Unit 5:**

Lesson 1: The Individuals in Globalized World

Lesson 2: Life Necessities

Lesson 3: Basic Needs

#### **NI: Values, Respect**

- Demonstrate understanding and respect for leaders, elders, and national symbols, and explain their importance in promoting unity and national pride.

Marks to be given for Task Performance, Portfolios and Project work



## THIRD TERM

### Unit 7:

Lesson 1: Digital Resources and Sites

Lesson 2: Privacy and Electronic Safety

Lesson 3: Online Abuse

### NI: Values, Respect

- Demonstrate and apply real-life practices to demonstrate self-respect and responsible digital behavior on social media platforms

## 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**

### **Book & Publication**

**Text Book :** Complete Physics for Cambridge Lower Secondary by Helen Reynolds, Anna Haris, Elliot  
**Workbook:** Complete Physics for Cambridge Lower Secondary by Helen Reynolds, Anna Harris, Elliot  
**Ref.Books :** Physics for you by Keith Johnson

### **FIRST TERM**

1. Average Speed, Text book pg.92, 93, 96, 97, 101  
work book: 36, 38, 40
2. Forces, Textbook pg.36 –41,102-105  
work book: 13-15, 41,42
3. Density and Pressure, Text book pg. 190-193,118-121  
work book: 49,50,79,80
4. Energy Transfer, Text book pg. 20-21,24-27,201-204  
work book: 6,8,9,83-85

### **FIRST TERM EXAM**

### **SECOND TERM**

5. Light, Text book pg.130-134,136, 150-151,140,142 work book:  
54-57,59,60,64
6. Sound, Text book pg. 50, 51, 53-55, 214, 215  
work book: 19,21,89 & web resources
7. Magnetism, Text book pg. 154-157, 184 work book: 65, 66,78
8. Thermal Effects Textbook pg.196-197, work book: 81

### **SECOND TERM EXAM**

### **THIRD TERM**

9. Electricity, Text book pg. 58-63, 66-67, 220-223, 248,249 work  
book: 22,23,24,26,91,92 & web resources
10. Astronomy, Text book pg. 74-77,82-85 work book: 29,30,33,34

### **THIRD TERM EXAM**

Note: Each Term Exam will be based on the chapters mentioned above

## **SOCIAL STUDIES**

### **Books & Publications**

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

#### **FIRST TERM**

1. Lesson 1: The Geography of East Asia
2. Lesson 2: Engineering and Civilization in Ancient China
3. Lesson 3: Chinese Technology, Science and Medicine
4. Lesson 4: Spreading Cultures in China and Southeast Asia

#### **SECOND TERM**

1. Lesson 1: The Geography of South Asia
2. Lesson 2: Ancient Civilization of South Asia
3. Lesson 4: Arrival of Islamic Civilization in India and Delhi Sultanate
4. Lesson 5: Origins of Science in South Asia

#### **THIRD TERM**

1. Lesson 1: An Introduction to Central Asia
2. Lesson 3: The Culture of Central Asia
3. Lesson 4: Kazakhstan

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- **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.