English as a Second Language IGCSE (0510/0993)

GRADE (10)

Term 2

Syllabus aims
The aims of Cambridge IGCSE English as a Second Language are to:
• develop learners' ability to use English effectively for the purpose of practical communication
• form a solid foundation for the skills required for further study or employment using English as the medium
• develop learners' awareness of the nature of language and language-learning skills
• promote learners' personal development.
Students will work on past papers to help them demonstrate ability in the following areas:

Reading
• show some awareness of what is implied but not directly stated, e.g. gist, purpose and intention
• understand information, abstract ideas and arguments from a range of texts, e.g. leaflets, articles, blogs and webpages
• identify relevant information and select correct details from a wide range of texts
• identify ideas, opinions and attitudes from a wide range of texts and understand the connections between them
• understand what is implied but not directly stated, e.g. gist, purpose and intention

Writing
• communicate factual information and ideas with appropriate expansion
• select and organize relevant information and ideas into paragraphs and use appropriate linking devices
• communicate factual information, abstract ideas and arguments with good expansion • select and organize relevant information and ideas into coherent paragraphs and use a range of appropriate linking devices
• respond to a written stimulus and use appropriate register and style/format for the given purpose and audience, e.g. an informal email, an essay, an article, a report and a review
• produce written texts with a wide range of language structures (i.e. grammatical and lexical)
• produce written texts that show very good control of punctuation and spelling

Listening
• show some awareness of what is implied but not directly stated, e.g. gist, purpose and intention
• understand factual information, abstract ideas and arguments from a wide range of sources, e.g. recorded phone messages, announcements, dialogues, informal conversations, interviews and formal talks. A variety of voices and accents will be heard in recordings to reflect the various contexts presented.
• identify relevant information and select correct details from a wide range of sources

• identify ideas, opinions and attitudes from a wide range of sources and understand the connections between them
• understand what is implied but not directly stated, e.g. gist, purpose and intention

Speaking
• produce responses that show very good control of pronunciation and intonation
• communicate factual information, abstract ideas and arguments with good expansion
• organise and link ideas with a range of appropriate linking devices
• engage in a conversation on a wide range of topics, e.g. natural environment, arts, science and global issues
• produce responses with a wide range of language structures (i.e. grammatical and lexical)

Students will work on IGCSE English Second Language (0510/0993) papers throughout the year.

Mathematics
Grade 10

Term 2

1. Algebra and graphs

2. Coordinate geometry

3. Geometry

4. Mensuration

5. Trigonometry

6. Vectors and transformations

SUBJECT PHYSICS (0625)
GRADE 10

Term 2

- **UNIT 2 : THERMAL PHYSICS**

2.1 Kinetic Particle model of matter
2.2 Thermal Properties and Temperature
2.3 Transfer of Thermal Energy

- **UNIT 5 : NUCLEAR PHYSICS**

5.1 The nuclear model of the atom
5.2 Radioactivity

- **UNIT 6 : SPACE PHYSICS**

6.1 Earth and the Solar System
6.2 Stars and the Universe

SUBJECT (CHEMISTRY)

GRADE (10)

TERM 2

1. Organic chemistry

2. Experimental techniques and chemical analysis

SUBJECT: BIOLOGY (0610)
GRADE: 10

Term 2

17. Inheritance

18. Variation & Selection

19. Organisms in their environment

20. Human Influences on their ecosystems

21. Biotechnology

SUBJECT (COMPUTER SCIENCE 0478)

GRADE (10)

Term 2

- **7 Algorithm and problem-solving**
- 7.9 Writing and amending algorithms

- **8. Programming**
- 8.1 Programming concepts
- 8.2 Arrays
- 8.3 File handling

- **4. Software**
- 4.1 Types of software and interrupts
- 4.2 Types of programming language, translators and IDEs

- **10. Boolean Logic**
- 10.1 standard logic gates symbols
- 10.2 The function of the six logic gates
- 10.3 Logic circuits, logic expressions, truth tables and problem statement

- **5. The internet and its uses**
- 5.1 The internet and the world wide web
- 5.2 Digital currency
- 5.3 Cyber Security

2024/2025 SYLLABUS DISTRIBUTION

SUBJECT (Business Studies)

GRADE (10 Boys and Girls)

TERM 2

Section 3: Marketing

- Marketing competition and the customer
- Market research
- Marketing mix
- Marketing strategy

Section 4: Operations Management

- Production of goods & services
- Costs, scale of production and break-even analysis
- Achieving quality production
- Location decisions

Resources: Cambridge IGCSE Business Studies Book

2024/2025 SYLLABUS DISTRIBUTION

SUBJECT (History)

GRADE (10 Boys and Girls)

<u>TERM 2</u>

Chapter 1: Treaty of Versailles
- Motives and aims of the Big three
- Impact of the Treaty of Versailles on Germany
- Political structure in the Weimar Republic
- Justification of the Treaties

Chapter 2: League of Nations
- Organisation of the League
- Success of League of Nations
- League's humanitarian work
- Great Depression
- Weaknesses in the League's organisation

Resources: **Cambridge 20th Century History Book**

Term 2

1- مراجعة الجدال والنقاش، وتدريبات عليه Past papers

2- مراجعة الوصف، وتدريبات عليه Past papers

3- مراجعة القصة، وتدريبات عليه Past papers

4- مراجعة القراءة والمناقشة، وتدريبات عليه Past papers

5- مراجعة التلخيص (تلخيص نصين في نص) ، وتدريبات عليه Past papers

6 – إلمامة بلاغية: 1-علم المعاني   2- علم البيان   3- علم البديع.

7 – بعض الأخطاء اللغوية الشائعة.

8 – بعض الأخطاء النحوية الشائعة.

* حل أوراق امتحانات سابقة. 2 + 1 Paper – Past papers

* ـ مراجعة عامة لموضوعات المنهج.