



**CLASS 9 CURRICULUM  
ACADEMIC YEAR 2023-2024**

**ENGLISH LANGUAGE 1123**

**SECONDARY ENGLISH FOR CAMBRIDGE O LEVEL SADLER/ HAYLAR  
(New Edition)**

**READING (COMPREHENSION/SUMMARY)**

UNIT ONE  
UNIT THREE  
UNIT FIVE  
UNIT SEVEN  
UNIT EIGHT  
UNIT NINE  
UNIT TEN

**CREATIVE WRITING**

- Descriptive Writing
- Narrative Writing

**DIRECTED WRITING**

- Letter Writing (Formal/ Informal)
- Article Writing (School Magazine/ Newspaper)

**GRAMMAR**

- Word Forms (Nouns, Adjectives, Adverbs)
- Conjunctions
- Synonyms/ Antonyms
- Prepositions
- Prefixes/ Suffixes
- Analogies
- Verb Tenses
- Punctuation
- Figurative Language

## **LITERATURE IN ENGLISH 2010**

- Stories of Ourselves Vol 2.
  - Critical analysis of the writer's craft
  - Style and structure of the texts
  - Recall, interpretation, evaluation and connect
  - Analysing characters
  - Produce a personal response towards the text

## **SECOND LANGUAGE URDU 3248**

**O LEVEL URDU (Batool Ali) & (Mujeeb-ur-Rehman)**

مضمون نویسی

تفہیم

خط نویسی

ترجمہ نویسی

محاورات

مکالمہ نگاری

نگاری-اردو گرامر

خلاصہ نگاری

جملوں کی ساخت تبدیل کریں۔

زمانے (ماضی، حال اور مستقبل)

تلخیص نگاری

خالی جگہ پُر کریں

(اضداد ، واحد/جمع)

# **ISLAMIYAT 2058**

## **WHEN THE MOON SPLIT**

### **CAMBRIDGE O LEVEL ISLAMIAT TEXTBOOK FOR PAPER 1**

#### **CHAPTER 1: MAJOR THEMES OF THE HOLY QURAN**

- Surah Al-Baqarah 2, Verse:225
- Surah Al-An'aam 6, Verses: 101-103
- Surah Al-Fussilat 41, Verse: 37
- Surah Al-Shura 42, Verses:4-5
- Surah Al-Ikhlash 112
- Surah Al-Fatihah 1
- Surah Al-Baqarah 2, Verses:21-22
- Surah Al-Alaq 96, Verses:1-5
- Surah Al-Zilzal 99
- Surah Al-Naas 114
- Surah Al-Baqarah 2, Verses: 30-37
- Surah Al-An'aam 6, Verses:75-79
- Surah Al-Maidah 5, Verse: 110
- Surah Al-Duha 93
- Surah Al-Kauthar 108

#### **CHAPTER 3: THE LIFE AND IMPORTANCE OF THE PROPHET MUHAMMAD**

- Condition of Arabia Before Islam
- Main Events of the Prophet's Early Life in Makkah
- 1<sup>st</sup>- 2<sup>nd</sup> Years of Prophethood
- 3<sup>rd</sup> Year of Prophethood
- 4<sup>th</sup> Year of Prophethood
- 5<sup>th</sup> Year of Prophethood
- 6<sup>th</sup> Year of Prophethood
- 7<sup>th</sup>-9<sup>th</sup> Year of Prophethood
- 10<sup>th</sup> Year of Prophethood
- 11<sup>th</sup> Year of Prophethood
- 12<sup>th</sup> Year of Prophethood
- 13<sup>th</sup> Year of Prophethood
- The Prophet's Migration to Madinah, His Leadership and Conflicts with the Makkans and Others
- 1<sup>st</sup> Year of Hijrah
- 2<sup>nd</sup> Year of Hijrah
- 3<sup>rd</sup> Year of Hijrah
- 4<sup>th</sup> Year of Hijrah
- 5<sup>th</sup> Year of Hijrah
- 6<sup>th</sup> Year of Hijrah
- 7<sup>th</sup> Year of Hijrah
- 8<sup>th</sup> Year of Hijrah
- 9<sup>th</sup> Year of Hijrah
- 10<sup>th</sup> Year of Hijrah

- 11<sup>th</sup> Year of Hijrah
- Prophet Muhammad; The Best in Morals and Manners
- Teachings of Prophet Muhammad for Muslims in their Personal Lives and Relations with Others
- Significance of Prophet Muhammad as the Seal of Prophets

#### CHAPTER 4

- The Wives of Prophet Muhammad (Ummahatul Mumineen)
- The Ten Blessed Companions (Ashra-e-Mubashsharah)
- Scribes of the Divine Revelation (Katibeen-e-Wahi)

### **CAMBRIDGE O LEVEL ISLAMIAT TEXTBOOK FOR PAPER 2**

#### CHAPTER 1: MAJOR TEACHINGS OF THE AHADITH OF PROPHET MUHAMMAD

- Ahadith 1-20

#### CHAPTER 3: THE FOUR RIGHTLY-GUIDED CALIPHS AND THEIR IMPORTANCE AS LEADERS

- Abu Bakr Abdullah Abu Quhafa (ra)
- Umar bin Al-Khattab (ra)

#### CHAPTER 4: THE ARTICLES OF FAITH, JIHAD AND THE PILLARS OF ISLAM THE ARTICLES OF FAITH

- Belief in the Oneness of Allah
- Belief in the Angels
- Belief in the Divine Books
- Belief in the Prophets
- Belief in Resurrection and the Day of Judgement
- Belief in the Predestination and Decree

#### THE PILLARS OF ISLAM

- Shahadah (Declaration of Faith)
- Salah (Prayer)
- Sawm (Fasting)
- Zakat (Poor Due)
- Hajj (Pilgrimage)

# **MATHEMATICS (SYLLABUS D) 4024**

## **NEW SYLLABUS MATHEMATICS 3**

### CHAPTER 4: INDICES AND STANDARD FORM

- 4.1 Indices
- 4.2 Laws of Indices
- 4.3 Zero and Negative Indices
- 4.4 Rational Indices
- 4.5 Standard Form

### CHAPTER 1: QUADRATIC EQUATIONS AND FUNCTIONS

- 1.1 Solving Quadratic Equations by Completing the Square
- 1.2 Solving Quadratic Equations by using Formula
- 1.3 Solving Quadratic Equations by Graphical Method
- 1.4 Solving Fractional Equations that can be reduced to Quadratic Equations
- 1.5 Applications of Quadratic Equations in Real-World Contexts
- 1.6 Graphs of Quadratic Functions

### CHAPTER 3: LINEAR INEQUALITIES IN ONE VARIABLE

- 3.1 Inequalities
- 3.2 Problem Solving involving Inequalities
- 3.3 Solving Simultaneous Linear Inequalities
- 3.4 Limits of Accuracy

### CHAPTER 10: ARC LENGTH, AREA OF SECTOR AND RADIAN MEASURE

- 10.1 Length of Arc
- 10.2 Area of Sector
- 10.3 Radian Measure
- 10.4 Arc Length and Area of Sector using Radian Measure

### CHAPTER 2: FURTHER FUNCTIONS

- 2.1 Functions involving Higher Order Expressions
- 2.2 Inverse Functions

## **NEW SYLLABUS MATHEMATICS 2**

### CHAPTER 10: PYTHAGORAS' THEOREM

- 10.1 Pythagoras' Theorem
- 10.2 Applications of Pythagoras' Theorem in Real-World Contexts
- 10.3 Converse of Pythagoras' Theorem

## CHAPTER 11: TRIGONOMETRIC RATIOS

11.1 Trigonometric Ratios

11.2 Applications of Trigonometric Ratios to Find Unknown Sides of Right-Angled Triangles

11.3 Applications of Trigonometric Ratios to Find Unknown Angles in Right-Angled Triangles

11.4 Applications of Trigonometric Ratios in Real-World Contexts

## CHAPTER 14: SETS

14.1 Introduction to Set Notations

14.2 Venn Diagrams, Universal Set and Complement of a Set

14.3 Intersection of Two Sets

14.4 Union of Two Sets

14.5 Combining Universal Set, Complement of a Set, Subset, Intersection and Union of Sets

## CHAPTER 17: AVERAGES OF STATISTICAL DATA

17.1 Mean

17.2 Median

17.3 Mode

17.4 Mean, Median and Mode

## CHAPTER 8: CONGRUENCE AND SIMILARITY

8.1 Congruent Figures

8.2 Similar Figures

8.3 Similarity, Enlargement and Scale Drawings

## CHAPTER 16: STATISTICAL DIAGRAMS

16.1 Statistical Diagrams

16.2 Dot Diagrams

16.3 Stem and Leaf Diagrams

16.4 Scatter Diagrams

16.5 Histograms for Ungrouped Data

16.6 Histograms for Grouped Data

## **SURLS (Handouts)**

# **ADDITIONAL MATHEMATICS 4037**

## **THINK ADDITIONAL MATHEMATICS**

### CHAPTER 1: FUNCTIONS

- 1.1 Mapping
- 1.2 Functions, notations and range of a function
- 1.3 Composite functions
- 1.4 Inverse functions and their graphs
- 1.5 Absolute-value functions and their graphs

### CHAPTER 2: QUADRATIC FUNCTIONS AND GRAPHS

- 2.1 Quadratic functions of the form  $y=a(x-p)(x-q)$
- 2.2 Quadratic functions of the form  $y=a(x-h)^2+k$
- 2.3 Conditions for quadratic curve to lie completely above or below x axis
- 2.4 Quadratic functions in real-world contexts

### CHAPTER 3: EQUATIONS AND INEQUALITIES

- 3.1 Solving quadratic equations
- 3.2 Nature of roots of quadratic equations
- 3.3 Solving linear and non-linear simultaneous equations
- 3.4 Solving quadratic inequalities
- 3.5 Solving absolute-value equations
- 3.6 Solving absolute-value linear and quadratic inequalities

### CHAPTER 4: SURDS

- 4.1 Surds
- 4.2 Simplifying expressions involving surds
- 4.3 Solving equations involving surds

### CHAPTER 5: POLYNOMIALS AND CUBIC EQUATIONS

- 5.1 Polynomials
- 5.2 Remainder and Factor Theorems
- 5.3 Cubic expressions, equations and identities
- 5.4 Cubic graphs and inequalities

### CHAPTER 6: EXPONENTIAL AND LOGARITHMIC FUNCTIONS

- 6.1 Exponential expressions and equations
- 6.2 Introduction to logarithms
- 6.3 Laws of Logarithms and Change of Base Formula
- 6.4 Logarithmic and exponential equations
- 6.5 Exponential and logarithmic functions and graphs
- 6.6 Applications of logarithmic and exponential functions

## CHAPTER 7: COORDINATE GEOMETRY

- 7.1 Length and midpoint of a line segment
- 7.2 Parallel and perpendicular lines
- 7.3 Equation of a straight line

## CHAPTER 8: STRAIGHT LINE GRAPHS

- 8.1 Why do we study the Linear Law?
- 8.2 Converting a non-linear equation into the linear form
- 8.3 Converting the linear form into a non-linear equation
- 8.4 Application of straight line graphs

# **COMPUTER SCIENCE 2210**

## **CAMBRIDGE IGCSE AND O LEVEL COMPUTER SCIENCE**

### SECTION 1: COMPUTER SYSTEMS

#### CHAPTER 1: DATA REPRESENTATION

- 1.1: Number systems
- 1.2: Text, sound and images
- 1.3: Data storage and file compression

#### CHAPTER 2: DATA TRANSMISSION

- 2.1: Types and methods of data transmission
- 2.2: Methods of error detection
- 2.3: Symmetric and asymmetric encryption

#### CHAPTER 3: HARDWARE

- 3.1: Computer architecture
- 3.2: Input and output devices
- 3.3: Data storage
- 3.4: Network hardware



# **BIOLOGY 5090**

## **CAMBRIDGE IGCSE BIOLOGY COURSEBOOK BY MARY JONES AND GEOFF JONES (4<sup>TH</sup> EDITION)**

### CHAPTER 1: CHARACTERISTICS AND CLASSIFICATION OF LIVING ORGANISMS

- 1.1 Characteristics of organisms
- 1.2 The biological classification system
- 1.3 Keys
- 1.4 Kingdoms
- 1.5 Groups within the animal and plant kingdoms
- 1.6 Viruses

### CHAPTER 2: CELLS

- 2.1 Animal and plant cells
- 2.2 Bacterial cells
- 2.3 Specialised cells
- 2.4 Sizes of specimens

### CHAPTER 3: MOVEMENT INTO AND OUT OF CELLS

- 3.1 Diffusion
- 3.2 Osmosis
- 3.3 Active transport

### CHAPTER 4: BIOLOGICAL MOLECULES

- 4.1 Carbohydrates, fats and proteins
- 4.2 The structure of DNA

### CHAPTER 5: ENZYMES

- 5.1 Biological catalysts
- 5.2 Factors that affect enzymes

### CHAPTER 6: PLANT NUTRITION

- 6.1 Making carbohydrates using light energy
- 6.2 Leaves
- 6.3 Factors affecting photosynthesis

### CHAPTER 7: HUMAN NUTRITION

- 7.1 Diet
- 7.2 The human digestive system
- 7.3 Digestion
- 7.4 Absorption and assimilation

### CHAPTER 8: TRANSPORT IN PLANTS

- 8.1 Xylem and phloem
- 8.2 Transport of water
- 8.3 Translocation of sucrose and amino acids

# **CHEMISTRY 5070**

## **CHEMISTRY MATTERS 4<sup>TH</sup> EDITION**

### CHAPTER 1: Kinetic Particle Theory

- 1.1 States of Matter
- 1.2 Kinetic Particle Theory
- 1.3 Changes in State of Matter and the Kinetic Particle Theory
- 1.4 Diffusion

### CHAPTER 2: Measurement and Experimental Techniques

- 2.1 Measuring Physical Quantities
- 2.2 Selecting Suitable Apparatus for Experiments

### CHAPTER 3: Separation and Purification

- 3.1 Obtaining Pure Substances from Mixtures
- 3.2 Separating a Solid from a Liquid
- 3.3 Separating Solids
- 3.4 Separating a Liquid from a Solution
- 3.5 Separating Liquids
- 3.6 Chromatography
- 3.7 Determining Purity

### CHAPTER 4: Elements, Compounds and Mixtures

- 4.1 Elements
- 4.2 Compounds

### CHAPTER 5: Atomic Structure

- 5.1 Inside Atoms
- 5.2 The Proton Number and Nucleon Number
- 5.3 Isotopes
- 5.4 Arrangement of Electrons in Atoms

### CHAPTER 6: Ionic Bonding

- 6.1 The Stable Electronic Configuration of a Noble Gas
- 6.2 Forming Ions
- 6.3 Ionic Bond: Transferring Electrons
- 6.4 Chemical Formulae of Ionic Compounds
- 6.5 Structure and Physical Properties of Ionic Compounds

### CHAPTER 7: Covalent and Metallic Bonding

- 7.1 Covalent Bond: Sharing Electrons
- 7.2 Structure and Properties of Covalent Substances
- 7.3 Metallic Bond

## CHAPTER 8: Writing Chemical Equations

- 8.1 Chemical Equations
- 8.2 Ionic Equations

## CHAPTER 16: The Periodic Table

- 16.1 Features of the Periodic Table
- 16.2 Periodic Trends
- 16.3 Group 1 Elements- Alkali Metals
- 16.4 Group VII Elements- Halogens
- 16.5 Group 0 Elements- Noble Gases
- 16.6 Transition Elements

## CHAPTER 18: Speed of Reaction

- 18.1 Different Speeds of Reactions
- 18.2 Measuring the Speed of Reaction in the Laboratory
- 18.3 Factors Affecting the Speed of Reaction
- 18.4 Effect of Catalysts and Enzymes on the Speed of Reaction

# **PHYSICS 5054**

**CAMBRIDGE O LEVEL PHYSICS (Heather Kennett & Tom Duncan)**

## CHAPTER 1 MOTION, FORCES AND ENERGY

### 1.1 Physical quantities and measurement techniques

- Units and basic quantities
- Powers of ten
- Length
- Significant figures
- Area
- Volume
- Time
- Systematic errors
- Vernier scales and micrometers
- Scalars and vectors

## 1.2 Motion

- Speed
- Velocity
- Acceleration
- Speed-time graphs
- Using the gradient of a speed-time graph to calculate acceleration
- Distance-time graphs
- Area under a speed-time graph
- Equations for constant acceleration
- Falling bodies
- Acceleration of free fall
- Distance-time graph for a falling object

## 1.3 Mass and weight

- Mass
- Weight
- The newton
- Weight and gravity
- Gravitational field

## 1.4 Density

- Calculations
- Simple density measurements

## 1.5 Forces

- Balanced and unbalanced forces
- Friction
- Circular motion
- Turning effect of forces
- Centre of gravity

## 1.6 Momentum

- Conservation of momentum
- Explosions
- Rockets and jets
- Force and momentum
- Sport: impulse and collision time

## 1.7 Energy, work and power

- Energy
- Work
- Energy resources
- Power
- 

## 1.8 Pressure

- Pressure
- Liquid pressure
- Water supply system
- Expression for liquid pressure

# **PAKISTAN STUDIES 2059**

## **PAPER 1**

### **HISTORY AND CULTURE OF PAKISTAN- NIGEL KELLY**

#### **SECTION 1: CULTURAL AND POLITICAL BACKGROUND TO THE PAKISTAN MOVEMENT**

Chapter 1: How successful were the religious thinkers in spreading Islam in the subcontinent during the 18<sup>th</sup> and 19<sup>th</sup> centuries?

- The work of Shah Waliullah (1703-1762)
- Syed Ahmad Barelvi (1768-1831)
- The work of Haji Shariatullah (1781-1840)

Chapter 2: What were the causes and consequences of the decline of the Mughal Empire?

- The Mughal Empire before Aurangzeb
- Enter the British

Chapter 3: What were the causes and consequences of the War of Independence 1857-58?

- The Causes of the War

Chapter 4: How important was the work of Sir Syed Ahmed Khan to the development of the Pakistan Movement in the 19<sup>th</sup> century?

- Sir Syed Ahmed Khan (1817-1898)

Chapter 5: To what extent have Urdu and regional languages contributed to the cultural development of Pakistan?

- Urdu
- Sindhi
- Balochi
- Punjabi
- Pashto

#### **SECTION 2: THE EMERGENCE OF PAKISTAN 1906-1947**

Chapter 6: How far did the Pakistan Movement develop during the early 20<sup>th</sup> century?

- The Indian National Congress
- India before the First World War

Chapter 7: How successful was the Khilafat Movement in advancing the cause of the Pakistan Movement?

Chapter 8: How successful was the Pakistan Movement in the years 1927 to 1939?

- The Simon Commission

Chapter 9: How important were attempts to find a solution to the problems facing the subcontinent in the years 1940 to 1947?

- The Outbreak of War 1939
- The Pakistan Resolution

## **PAPER 2**

### **THE ENVIRONMENT OF PAKISTAN- HUMA NAZ SETHI**

#### **INTRODUCTION- THE LAND OF PAKISTAN**

- Location of Pakistan
- Importance of Pakistan's Location

#### **UNIT 1: THE NATURAL TOPOGRAPHY, INCLUDING DRAINAGE**

- The Northern Mountains & The North-Western Mountains
- The Western Mountains
- The Balochistan Plateau
- The Potwar Plateau and Salt Range
- The Indus Plain
- The Desert Areas

#### **UNIT 2: CLIMATE**

- Climatic Zones
- Pakistan: the Seasons
- Effects of Climate on Life and Economic Activities of People in Different Regions
- River Floods
- Storms
- Drought in Pakistan

#### **UNIT 3: NATURAL RESOURCES- AN ISSUE OF SUSTAINABILITY OF WATER**

- Hydrological Cycle
- Importance of Rivers to Pakistan
- Ground Water
- Uses of Water
- Development of the Irrigation System in Pakistan
- Indus Water Treaty
- Small and Large Dams
- Siltation in Reservoirs
- Barrages
- Waterlogging and Salinity
- Surface Water Pollution
- Water as a Resource for Economic Development
- Climate Change and Water Shortage in Pakistan
- Water Supply Issues Leading to Conflicts

#### **UNIT 4: FORESTS**

- Productive Forests
- Protection Forests
- Importance of Forests
- Types of Forests
- Determinants
- Forest Products
- Deforestation in Pakistan
- Afforestation Projects in Pakistan
- Sustainable Forestry

#### UNIT 5: MINERAL RESOURCES

- How are Minerals Formed?
- Mining Processes
- Metallic and Non-Metallic Minerals
- Pakistan's Mining Industry
- Mining and Economic Development
- Effects of Mining on the Environment
- Sustainable Development and Mining
- The Plight of Coal Miners in Pakistan

#### UNIT 6: FISHING INDUSTRY

- Fishing Areas and Methods
- Government's Efforts to Develop Fisheries
- Fish Marketing
- Fish Farming and the Environment
- Problems of the Fishing Industry
- Sustainable Fisheries
- Feasibility of Developing Fisheries as an Important Economic Activity in Gwadar (Balochistan)

#### UNIT 7: AGRICULTURAL DEVELOPMENT

- Livestock farming in Pakistan
- Factors affecting Agricultural Production
- Land Reforms

## **ACCOUNTING 7707**

### **CAMBRIDGE IGCSE AND O LEVEL ACCOUNTING BY CATHERINE COUCUM**

CHAPTER 1: Introduction to Accounting

CHAPTER 2: Double Entry Book Keeping- Part A

CHAPTER 3: The Trial Balance

CHAPTER 4: Double Entry Book Keeping- Part B

CHAPTER 5: Petty Cash Book

CHAPTER 7: Books of Prime Entry

CHAPTER 8: Financial Statements- Part A

CHAPTER 6: Business Documents

CHAPTER 13: Bad Debts and Provision for Doubtful Debts

# **BUSINESS STUDIES 7115**

## **IGCSE BUSINESS STUDIES**

### **SECTION 1: UNDERSTANDING BUSINESS ACTIVITY**

- Business activity
- Classification of businesses
- Enterprise, business growth and size
- Types of business organisation
- Business objectives and stakeholder objectives

### **SECTION 2: PEOPLE IN BUSINESS**

- Motivating employees
- Organisation and management
- Recruitment, selection and training of employees

# **ECONOMICS 2281**

## **ECONOMICS FOR CAMBRIDGE IGCSE (SUSAN GRANT)**

### **CHAPTER 1: THE BASIC ECONOMIC PROBLEM**

- 1.1 The nature of the economic problem
  - Finite resources and unlimited wants
  - Economic and free goods
- 1.2 The factors of production
  - Definitions of the factors of production and their rewards
  - Mobility of the factors of production
  - Quantity and quality of the factors of production
- 1.3 Opportunity cost
  - Definition of opportunity cost
  - The influence of opportunity cost on decision making
- 1.4 Production possibility curves (PPC)
  - Definition of a PPC
  - Points under, on and beyond a PPC
  - Movements along a PPC
  - Shifts in a PPC

### **CHAPTER 2: THE ALLOCATION OF RESOURCES**

- 2.1 Microeconomics and macroeconomics
  - Microeconomics
  - Macroeconomics
- 2.3 Demand
  - Definition of demand
  - Price and demand
  - Individual and market demand
  - Conditions of demand



- 2.4 Supply
  - Definition of supply
  - Price and supply
  - Individual and market supply
  - Conditions of supply
- 2.5 Price determination
  - Market equilibrium
  - Market disequilibrium
- 2.6 Price changes
  - Causes of price changes
  - Consequences of price changes
- 2.7 Price elasticity of demand (PED)
  - Definition of PED
  - Calculation of PED
  - Determinants of PED
  - PED and total spending on a product/ revenue
  - Significance of PED
- 2.8 Price elasticity of supply (PES)
  - Definition of PES
  - Calculation of PES
  - Determinants of PES
  - Significance of PES
- 2.9 Market economic system
  - Definition of market economic system
  - Advantages and disadvantages of the market economic system
- 2.10 Market failure
  - Definition of market failure
  - Causes of market failure
  - Consequences of market failure
- 2.11 Mixed economic system
  - Definition of the mixed economic system
  - Government intervention to address market failure

## CHAPTER 3: MICROECONOMIC DECISION MAKERS

- 3.1 Money and banking
  - Money
  - Banking
- 3.2 Households
  - The influences on spending, saving and borrowing

# **SOCIOLOGY 2251**

**CAMBRIDGE IGCSE SOCIOLOGY COURSEBOOK- Jonathan Blundell**

## **FAMILY**

1. WHAT ARE THE DIFFERENT TYPES OF FAMILY?
  - The nuclear and extended family, reconstructed/ step-family, single-parent family and same sex family.
  - The influence of social stratification and ethnicity on family diversity.
  - The functions of the family and the 'loss of functions' debate.
  - Alternatives to the family, including other types of households (e.g one-person household, shared household) and communes.
  - Cross-cultural comparisons and variations in marriage including monogamy, serial monogamy, polygamy and polyandry. Alternatives to marriage, such as cohabitation and civil partnerships. Explanations of changing trends in marriage and divorce.
2. HOW ARE FAMILY ROLES CHANGING?
  - Conjugal roles, maternal and paternal roles, roles of children and members of the wider family, including grandparents.
  - Changes in family relationships and conjugal roles, including symmetrical family debate and issues relating to patriarchy and gender equality within the family.
  - Variations in family relationships reflecting the influences of social stratification and ethnicity.
  - The negative aspects of family life, including domestic violence, gender inequality, child abuse and neglect.
3. WHAT ARE THE CHANGES AFFECTING THE FAMILY?
  - Industrialisation, urbanization and family change
  - Demographic trends: family size and birth rates; death rates and life expectancy.
  - The consequences for the family of an ageing population.

## **EDUCATION**

1. WHAT IS THE FUNCTION OF EDUCATION?
  - Informal and formal education.
  - Education as an agency of socialization and social control.
  - The relationship between education and social mobility.
  - Different types of schools, including state, comprehensive, private, single-sex and faith school.

2. WHAT FACTORS HELP TO EXPLAIN DIFFERENCES IN EDUCATIONAL ACHIEVEMENT?
- Patterns in educational achievement and experience in relation to gender, ethnicity and social class.
  - Material, cultural and linguistic influences of family background on educational achievement.
  - The influence of school, teachers, pupil sub-cultures and the peer group on educational achievement.
  - Measuring intelligence, selection and its relationship to educational achievement.
  - The roles of the official curriculum and the hidden curriculum.

## **ART AND DESIGN 6090**

1. Introduction to Art Syllabus 6090.
2. Discussing Assessment Objectives.
3. Using form, line, tone, colour, shape and texture.
4. Spatial relationships, compositions, layout.
5. Applying the knowledge of colour and colour theory in observing single objects like a bottle, a fruit, a vegetable.
6. Observation of 3-D forms (cube, sphere, cylinder, pyramid, cone).
7. Shading techniques and different kinds of light (reflected light, shadows, reflections, highlights, contrast).
8. Drawing and shading other forms of 3-D objects (crushed can, boxes, chairs, football).
9. Drawing group compositions in relation to perspective.
10. Different forms of perspective (arial, front and side).
11. Experiencing textures like metal, glass, plastic, silk.
12. Drawing and studying a variety of objects like dry leaves, jewelry, fruits, vegetables, tools, shells, feathers, bottles, sports goods etc.
13. Learning tonal variations with mediums like pencil, charcoal and colour pencils.

# **GLOBAL PERSPECTIVES 2069**

**CAMBRIDGE IGCSE AND O LEVEL (COURSEBOOK) BY KEELY LAYCOCK**

## CHAPTER 1: INFORMATION SKILLS

- Perspectives
- Research
- Analysis
- Synthesising
- Planning
- Questioning

## CHAPTER 2: CRITICAL THINKING SKILLS

- Reasoning
- Evidence
- Claims
- Drawing Conclusions
- Bias and vested interest
- Statements of argument, fact, opinion, prediction and value judgement
- Problem solving
- Empathy