

Pakistan International School, Aziziah- Jeddah
Cambridge Curriculum Section (CCS)
 (Session 2023-2024)
 Grade IX Syllabus breakup (1st Term)

| Week No. | Starting Date | Ending Date | English | Urdu | Math | Biology | Physics | Chemistry | Pakistan studies | Islamic studies | ICT | Accounting | Business | Economics | Arts/Li brary | P.E |
|----------|----------------------------|------------------------------|---|---|---|---|--|--|--|--|---|---|---|---|-------------------------|----------------|
| 1 | Sunday, August 20, 2023 | Thursday, August 24, 2023 | ESL : Unit 1: Happiness and success , A: What is Happiness, B: Happy not to be a high-flyer | ریورٹ نگاری، تفہیم نگاری، انگریزی، پیرنگراف مسطورات، نگاری، | U1: Ch. 1: Reviewing Number Concepts Lessons: 1.1 Different types of numbers 1.2 Multiples and factors 1.3 Prime numbers 1.4 Powers and roots 1.5 Working with directed numbers 1.6 Order of operations 1.7 Rounding numbers. | Chap-1 Characteristics and classification of living organisms Topic 1.1 Characteristics of organisms Topic 1.2 The biological classification system Topic 1.3 Keys | Chap-5: Force & matter Topic 5.1 :Forces acting on solids Topic 5.2 :Stretching springs Topic 5.3: The limit of proportionality and the spring constant | Chap-1 States of matter Topic 1.1 states of matter Topic 1.2 Kinetic particle theory of matter Topic 5 The effectiveness of Aurangzeb successors The end of Empire | History chap 2: Decline of Mughal Empire Topic 1 The Mughal Empire before Aurangzeb Topic 2 The Reign of Aurangzeb Topic 3 Impact of Aurangzeb policies on stability of Mughal Empire Topic 4 The effectiveness of Aurangzeb successors Topic 5 The end of Empire | Chapter 1: Major themes in Holy Quran Passages 7,8,10,11 | Unit 1:Data Representation Topics and Activities: 1.1 Binary represents data 1.1.2 Binary, denary and hexadecimal systems Activity 1.1 Converting from denary to binary Method 1 Method 2 Activity 1.2 | Chp 1:Introduction to accounting Topic 1.1: Introduction Topic 1.2: Assets liabilities and capital Topic 1.3: The accounting equation Topic 1.4: The statement of financial position Exam style questions | Introduction about the subject, discussing IGCSE business studies syllabus, discussing marking criteria on different parameters as mentioned in the syllabus and learner's guide. Unit 1: Business Activity - The purpose of business activity, scarcity and opportunity cost, related activities and exam style questions from book. Use learner's guide to teach students how to solve exam style questions | Introduction about the subject, discussing IGCSE economics syllabus, discussing marking criteria on different parameters as mentioned in the syllabus and learner's guide. Unit 1: The nature of the economic problem - finite resources and unlimited wants, economic goods and free goods. Unit 2: The factors of production (FoP) - factors of productions and its rewards, mobility of FoP, changes in quality and quantity of FoP. | Pointism | Throw ball |
| 2 | Sunday, August 27, 2023 | Thursday, August 31, 2023 | ESL Unit 1: Happiness and success, C: The Price of greatness, D: Obstacles and Challenges, | مضمون نگاری، تلخیص نگاری، جملوں کی ساخت میں تبدیلی، کلوز ریڈنگراف، خط نویسی | U1: Ch. 2: Making Sense of Algebra Lessons: 2.1 Using letters to represent unknown values 2.2 Substitution 2.3 Simplifying expressions 2.4 Working with brackets 2.5 Indices | Topic 1.4 Kingdoms Topic 1.5 Groups within the animal and plant kingdoms Topic 1.6 Viruses | Chap-5: Force & matter Topic 5.4 Pressure Topic 5.5:Calculating pressure | Chap-1 States of matter Topic 1.3 Mixtures of substances and diffusion 2. Atomic structure Topic 2.1 Atoms and elements | History chap History chap 2: Decline of Mughal Empire Topic 1 Reasons for the Decline Of Mughal Empire Topic 2 Enter the British Topic 3: British Expansion from 1750-1850 Topic 4 Why are British able to conquer India | Chapter 1: Major themes in Holy Quran (Passages 12,13,14,15) | Unit 1:Data Representation Topics and Activities: The hexadecimal system Converting from binary to hexadecimal and from hexadecimal to binary Activity 1.3 | Chp 2:Double Entry Book keeping-Part A Topic 2.1: Double entry records for assets and liabilities Topic 2.3: Double entry records for drawings Topic 2.5: Balancing ledger accounts Topic 2.6: Double entry records for sales, purchases and returns Topic 2.7: Double entry records for carriage inwards and carriage outwards Topic 2.9: Three column running balance accounts and their balances Exam style questions | Unit 2: Classification of Businesses - primary sector, secondary sector and tertiary sector, business enterprises in the private and public sector and related activities and exam style questions from book | Unit 3: Opportunity Cost - opportunity cost and its influence on decision making. Unit 4: Production possibility Curve - PPC, causes and consequences of shifts in PPC. past paper questions on Section 1 | Book swapping Activity | Trending games |
| 3 | Sunday, September 03, 2023 | Thursday, September 07, 2023 | ESL Unit 1: Happiness and success , E: Someone I admire, Exam-style questions | ریورٹ نگاری، تفہیم نگاری، انگریزی، پیرنگراف مسطورات، نگاری، | U1: Ch. 3: Lines, Angles & Shapes Lessons : 3.1 Lines and angles 3.2 Triangles 3.3 Quadrilaterals 3.4 Polygons 3.5 Circles 3.6 Construction | Chap-2 Cells Topic 2.1 animals and plant cells Topic 2.2 bacterial cells | Chap-11: Thermal energy transfers Topic 11.1: Conduction Topic 11.2: Convection Topic 11.3: Radiation | Chap-2 Atomic structure Topic 2.2 Isotopes Topic 2.3 Electronic configuration of elements | History chap 8: Pakistan movement in the years 1927-39 Topic 2: Simon Commission Topic 2: Nehru Report Topic 3 Fourteen Points Topic 4 Allahabad Address Topic 5 Govt of India Act Topic 6 1937 elections Topic 7: The Rule of Congress 1937-9 | Chapter 5 : Major teachings in Hadiths (Hadith 11- 20) | Unit 1:Data Representation Topics and Activities: Activity 1.4 Converting from hexadecimal to denary and from denary to hexadecimal Activity 1.5 Activity 1.6 | Chp 4: Double Entry Book keeping-Part B | Unit 1 and 2: Practicing P1 past paper questions relevant to the chapters. Unit 3: Enterprise, business growth and size - enterprise and entrepreneurship and measuring business size. | Unit 5: Microeconomics and macroeconomics - decision makers in microeconomics and macroeconomics. Unit 6: The role of markets in allocating resources - the market system, key decisions and price mechanism. | Painting realistic tree | Cricket |
| 4 | Sunday, September 10, 2023 | Thursday, September 14, 2023 | FLE: Unit 1: Reading (skimming and scanning, comparing text styles) | مضمون نگاری، تلخیص نگاری، جملوں کی ساخت میں تبدیلی، کلوز ریڈنگراف، خط نویسی | U1: Ch. 4: Collecting, Organising and Displaying Data Lessons: 4.1 Collecting and classifying data 4.2 Organising data 4.3 Using charts to display data | Topic 2.3 specialized cells Topic 2.4 sizes of specimens | Chap-1: Making measurements Topic 1.1: Measurement , length & volume Topic 1.2 :Density Topic 1.3 :Measuring time | Chap-3 Chemical bonding Topic 3.1 Non-metallic substances and covalent bonding Topic 3.2 Ions and ionic bonding | History chap 9:Subcontinent in the year 1940-47 Topic 2 The outbreak of war -Pakistan Resolution Topic 2 Cripps Mission Topic 4 Gandhi Jinnah Talks Topic 5 Simla conference Topic 6 1945-46 Elections Topic 7 Cabinet Mission Plan Topic 8 3rd June Plan | Chapter 2: The History and importance of Quran Topic: The Holy Quran Topic: Preservation of the Holy Quran Compilation of the Holy Quran Topic: The use of Holy Quran in legal Thinking and its relationship with the Hadith Sunnah, Consensus and Analogy, The relationship of the Holy Quran with Hadith | Unit 1:Data Representation Topics and Activities: 1.1.3 Use of the hexadecimal system Activity 1.7 1.1.4 Addition of binary numbers Activity 1.8 Activity 1.9 | Chp 3:The Trial Balance Topic 3.1: Introduction Topic 3.2 The purpose of a trial balance Topic 3.3: The preparation of trial balance walkthrough 3.1 walkthrough 3.2 | Unit 3: Enterprise, Business growth and size - why some business grow and other remains small, related activities and exam style questions from book and related past papers questions for extra practice | Unit 7: Demand - determinants of demand, price and demand, individual and market demand, conditions of demand. Unit 8: Supply - determinants of supply, price and supply, individual supply and market supply. | Library | Basketball |
| 5 | Sunday, September 17, 2023 | Thursday, September 21, 2023 | FLE Unit 1: Reading (Inference and Identifying relevant information) | ریورٹ نگاری، تفہیم نگاری، انگریزی، پیرنگراف مسطورات، نگاری، | U2: Ch. 5: Fractions and Standard Form Lessons 5.1 Equivalent fractions 5.2 Operations on fractions 5.3 Percentages 5.4 Standard form 5.5 Your calculator and standard form 5.6 Estimation | Chap-3 movement into and out of Topic 3.1 diffusion Topic 3.2 osmosis | Chap-9: The kinetic particle model of matter Topic 9.1: States of matter Topic 9.2 Kinetic Particle model of matter Topic 9.3: Gases and Kinetic model Topic 9.4 :Temperature and Celsius scale Topic 9.5 :The gas laws | Chap-3 Chemical bonding Topic 3.2 Ions and ionic bonding Topic 3.3 Giant structures | History chap 12: Stability following death of Jinnah Topic 2 The objective Resolution Topic 3 Ghulam Muhammad Topic 3 Constitutional Matters Topic 4 1954/55 constitutional crises Topic 5 1956 constitution 1962 constitution Topic 6 General Yahya Khan | Chapter 6: The History and Importance of Hadiths Topic: The History of the Compilation of Hadiths Topic: The earliest collections, Judging the Authenticity of a Hadith, Topic: Types of Hadith | Unit 1:Data Representation Topics and Activities: Overflow Activity 1.10 1.1.5 logical binary shifts Activity 1.11 | Chp 3:The Trial Balance Exam style questions | Unit 4: Types of business organization - forms of business organisation, related activities and exam style questions from book. | Unit 9: Price determination - market equilibrium and disequilibrium. Unit 10: Price changes - cause and consequences of price changes. | Painting sky and cloud | Basketball |

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| 6 | Monday, September 25, 2023 | Thursday, September 28, 2023 | <p>FL: Unit 2: Directed writing</p> <p>مضمون نگاری، تخلص نگاری، جملوں کی ساخت میں تبدیلی، کلوز پیراگراف، خط نویسی</p> | <p>U2: Ch. 6: Equations and Rearranging Formulae Lessons 6.1 Further expansion of brackets 6.2 Solving linear equations 6.3 Factorising algebraic expressions 6.4 Rearrangement of a formula</p> | <p>Topic 3.3 active transport</p> | <p>Chap-12: Sound (waves of sound/calculating speed of sound) Topic 12.1: Making sounds Topic 12.2: How does sound travel Topic 12.3: The speed of sound Topic 12.4: Seeing and hearing sound</p> | <p>Chap-4 Chemical formulae and equations Topic 4.1 Chemical equations for reaction</p> | <p>Geography Chap 5: Mineral resources Topic 1: Mining Processes Topic 2: Mining & Economic development Topic 3: Problems & effects Chap 6: Fishing Industry Topic 1: Fishing areas & Methods Topic 2: Fish Marketing/ Fish Farming Topic 3: Problems of Fishing Industry</p> | <p>Chapter 6: The History and importance of Hadiths Topic: The main compilers of Hadith Topic: The six authentic books of Hadith Topic: Sunnah as the source of Shariah law</p> | <p>Unit 1: Data Representation Topics and Activities: 1.1.6 Two's complement (binary numbers) Converting positive binary numbers to binary numbers in the two's complement format to positive binary numbers Activity 1.12</p> | <p>Chp 8: Financial Statements-Part A</p> | <p>Unit 4: Types of business organization - past paper questions for extra practice. Unit 5: Business objectives and stakeholder objectives - importance of business objectives, the role of stakeholders group, private and public sector enterprise objectives</p> | <p>Unit 11: price elasticity of demand - calculation of PED, determinants, relationship between PED and TR, significance of PED for decision makers.</p> | Library | 6 minutes challenge | |
| 7 | Sunday, October 01, 2023 | Thursday, October 05, 2023 | <p>ESL: Unit 2: You and your Community. A: Home Town, B: Favourite places, C: Improving your neighbourhood,</p> | <p>ریورٹ نگاری، تہذیب نگاری، پیراگراف، تصورات، سکالہ نگاری</p> | <p>U2: Ch. 7: Perimeter, Area and Volume Lessons 7.1 Perimeter and area in two dimensions 7.2 Three dimensional objects 7.3 Surface areas and volume of solids</p> | <p>Chap-4 biological molecules Topic 4.1 carbohydrates, fats and p</p> | <p>Chap-2: Describing Motion Topic 2.1: Understanding speed Topic 2.2: Distance-time graph</p> | <p>Chap-4 Chemical formulae and equations Topic 4.2 Chemical equations for reactions Topic 4.3 Relative masses of atoms and molecules</p> | <p>Geography Chap 7: Agricultural Development Topic 1: small scale subsistence & cash crop farming Topic 2: Agricultural Products in Pakistan Topic 3: Livestock farming in Pakistan Topic 4: Factors affecting agricultural production Topic 5: Land Reforms</p> | <p>Chapter 3: The life and importance of the Prophet Muhammad PBUH Topic: Second year after Hijra Topic: Third year after Hijra</p> | <p>Unit 1: Data Representation Topics and Activities: Writing negative binary numbers in two's complement format and converting to denary Activity 1.13 Activity 1.14</p> | <p>Unit 5: Business objectives and stakeholder objectives - related activities from book and past papers questions for extra practice. Introduction and explanation of PII exam style case study on book page 69.</p> | Unit 12: Price elasticity of supply - Calculating PES, determinants, significance of PES for decision makers. | Layer technique of water colour | Orienteering | |
| 8 | Sunday, October 08, 2023 | Thursday, October 12, 2023 | <p>ESL: Unit 2: You and your Community. D: Making a difference. Exam Style questions</p> | <p>مضمون نگاری، تہذیب نگاری، جملوں کی ساخت میں تبدیلی، کلوز پیراگراف، خط نویسی</p> | <p>U2: Ch. 8: Introduction to probability Lessons 8.1 Basic probability 8.2 Theoretical probability 8.3 The probability that an event does not happen 8.4 Possibility diagrams 8.5 Combining independent and mutually exclusive events</p> | <p>Topic 4.1 carbohydrates, fats and p Topic 4.2 the structure of DNA</p> | <p>Chap-2: Describing Motion Topic 2.3 Understanding acceleration Topic 2.4: Calculating speed and acceleration</p> | <p>Chap-5 Chemical calculations Topic 5.1 The mole and Avogadro's constant Topic 5.2 The mole and chemical equations</p> | <p>Geography Chap 8: Power Resources Topic 1: Introduction & Coal as a preferred resource Topic 2: Mineral oil Topic 3: Natural Gas Topic 4: Alternative energy resources Topic 5: Importance of Power Resources for Economic Development</p> | <p>Chapter 3: The life and importance of the Prophet Muhammad PBUH Topic: Fourth year after Hijra Topic: Fifth year after Hijra Topic: Sixth year after Hijra</p> | <p>Unit 1: Data Representation Topics and Activities: 1.2 Test, sound and images 1.2.1 Character sets – ASCII code and Unicode 1.2.2 Representation of sound</p> | <p>Chp 9: Financial Statements-Part B Topic 9.3: Introduction Topic 9.2: Assets Topic 9.3: Liabilities Walkthrough 9.1, 9.2, 9.3 Exam style questions</p> | <p>Unit 6: Motivating employees - Importance of motivated workforce, methods of motivation, related activities and exam style questions from book</p> | Unit 13: Market economic systems - advantages and disadvantages. Unit 14: Market Failure - private and social costs, private and social benefits. | library | Math station |
| 9 | Sunday, October 15, 2023 | Thursday, October 19, 2023 | <p>ESL: Unit 2: You and your Community. E: Welcoming an exchange visitor, Exam Style questions</p> | <p>ریورٹ نگاری، تہذیب نگاری، انگریزی پیراگراف، تصورات، سکالہ نگاری،</p> | <p>U3: Ch. 9: Sequences & Sets Lessons 9.1 Sequences 9.2 Rational and Irrational numbers 9.3 Sets</p> | <p>Chap-5 Enzymes Topic 5.1 biological catalyst</p> | <p>Chap-3: Forces & motion Topic 3.1: We have lift off Topic 3.2: Mass, weight and gravity Topic 3.3: Falling & turning</p> | <p>Chap-5 Chemical calculations Topic 5.2 The mole and chemical equations Topic 5.3 Moles and solution chemistry</p> | <p>Geography Chap 9: Industrial development Topic 1: Secondary Industry & Factory Industries in Pakistan Topic 2: Industrial Estates Topic 3: Formal & Informal industry Topic 4: cottage & small scale industries Topic 5: Territary Industries</p> | <p>Chapter 3: The life and importance of the Prophet Muhammad PBUH Topic: Seventh year after Hijra Topic: Eighth year after Hijra</p> | <p>Unit 1: Data Representation Topics and Activities: 1.2.3 Representation of (bitmap) images Activity 1.15 1.3.1 Measurement of data storage</p> | <p>Chp 5: Petty Cash Topic 5.1: Introduction Topic 5.2: The imprest system Topic 5.4: Preparation of a petty cashbook walkthrough 5.1 Exam style questions</p> | <p>Unit 6: Motivating employees - relevant past papers questions for extra practice. Unit 7: Organisation and management - simple organization charts, and the role of management.</p> | Unit 14: Market Failure - causes and consequences of market failure. Unit 15: Mixed economic system - maximum prices and minimum prices. | House water colour painting in perspective | Target the longest Distance |
| 10 | Sunday, October 22, 2023 | Thursday, October 26, 2023 | <p>FL: Unit 2, Directed writing (formal letter, email)</p> <p>مضمون نگاری، کلوز پیراگراف، تہذیب نگاری، جملوں کی ساخت میں تبدیلی، خط نویسی</p> | <p>U3: Ch. 10: Straight Lines and Quadratic Equations Lessons 10.1 Straight lines 10.2 Quadratic and other expressions</p> | <p>Topic 5.2 factors that affect enzyme</p> | <p>Chap-3: Forces & motion Topic 3.4: Forces, mass and acceleration Topic 3.5: Momentum Topic 3.6: More about scalars and vectors</p> | <p>Chap-7 Chemical energetics Topic 7.1 Physical and chemical changes Topic 7.2 Exothermic and endothermic reactions</p> | <p>Geography Chap 10: Trade Topic 1: Introduction Topic 2: Imports of Pakistan Topic 3: Trade Routes Topic 4: Trade Barriers & Measures to handle the trade challenges</p> | <p>Chapter 3: The life and importance of the Prophet Muhammad PBUH Topic: Ninth year after Hijra Topic: Tenth year after Hijra Topic: Eleventh year after Hijra Topics: Outstanding qualities of the Holy Prophet Pbuh, Life of the Holy Prophet Pbuh as the model of excellence, Holy Prophet Pbuh as the last messenger of Allah</p> | <p>Unit 1: Data Representation Topics and Activities: 1.3.2 Calculation of file size Activity 1.16 1.3.3 Data compression 1.3.4 Lossy and lossless file compression</p> | <p>Chp 14: Bank Reconciliation Statement Topic 14.1: Introduction Topic 14.2: Reasons why the bank account and bank statement may differ Topic 14.3 Stages of a bank reconciliation statement walkthrough 14.1</p> | <p>Unit 7: Organisation and management - leadership styles, trade unions, book activities, exam style questions from book and relevant past papers questions for extra practice</p> | Unit 15: Mixed economic system - government intervention. Past paper questions on Section 2 | library | Rebounding the ball | |
| 11 | Sunday, October 29, 2023 | Thursday, November 02, 2023 | <p>FL: Unit 2, Directed writing (report writing)</p> <p>ریورٹ نگاری، تہذیب نگاری، پیراگراف، تصورات، سکالہ نگاری،</p> | <p>U3: Ch. 11: Pythagoras' Theorem and Similar Shapes Lessons 11.1 Pythagoras' theorem 11.2 Understanding similar triangles</p> | <p>Chap-6 Plant Nutrition Topic 6.1 Making carbohydrates using light energy Topic: 6.2 Leaves</p> | <p>Chap-4 : Turning Forces Topic 4.1: The moment of a force Topic 4.2: Calculating moments Topic 4.3: Stability & centre of gravity</p> | <p>Chap-7 Chemical energetics Topic 7.2 Exothermic and endothermic reactions 8 Rates of reaction Topic 8.1 Factors affecting the rate of reaction</p> | <p>Geography Chap 11 Topic 1: Pakistan Railways Topic 2: Pakistan roads Topic 3: Factors contributing to development of Air transport & 12: Transport & Population</p> | <p>Chapter 7: The period of the rightly guided caliphs and their importance as leaders Topic: Caliphate of Hazrat Uthman R.A</p> | <p>Unit 4: Software Topics and Activities: 4.1 Types of software and interrupts 4.1.1 System software and application software 4.1.2 Operating systems</p> | <p>Chp 14: Bank Reconciliation Statement Topic 14.4: Bank reconciliation when there is a bank overdraft Topic 14.5: Advantages of bank reconciliation Exam style questions</p> | <p>Unit 8: Recruitment, selection and training of employees - recruitment, selecting employees, the importance of training and methods, reasons for reducing the size of workforce, legal controls and employment issues.</p> | Unit 16: Money and banking - meaning, functions and characteristics of money, functions of central banks and state banks | House water colour painting in perspective | Realy Race practice | |

