

**BAHRIA COLLEGE ISLAMABAD**

**CAMBRIDGE SECTION**

**FIRST TERM SYLLABUS 2021-2022**

<b>P 1</b>	
<b>ENGLISH</b>	<b>Comprehension Unit 1-10</b> (Dictionary Words, Languages, Spelling) Part Of Speech, Tenses (Present Past Indefinite Continues, Perfect ) ( Composition Narrative + Descriptive)(100 Words To 150 Words) Play (Johnny And The Dead)
<b>MATHS</b>	<b>Chapter 1:</b> (Primes, HCF & LCM) <b>Chapter 2:</b> (Integers & Real numbers) <b>Chapter 3:</b> (Estimation and Approximation) <b>Chapter 4:</b> (Basic Algebra and Algebraic Manipulation)
<b>URDU</b>	تم نعمت فقہ حضرت سلیمانؑ، نظم جوئے جوئے پاکستان، بچوں کے لیے چند نصیحتیں، قرآن، دوست کے نام خط، قواعد، مضمون، غلام، خط، تعلیم اور کوشش بائسیکل کی تعلیم، دادا ابو کی کتاب
<b>GENERAL SCIENCE</b>	<b>BOOK 7; Unit 1,</b> (1.1-1.6) <b>Unit 2</b> (2.12.8) <b>Unit 5,</b> (5.1-5.4) <b>Unit 6,</b> (6.1-6.4) <b>Unit 9</b> (9.1-9.6) <b>BOOK 8; Unit 1</b> (1.1-1.2)
<b>HISTORY</b>	<b>Chapter # 1,2,7,8,9</b> Presentation : 3, 6
<b>GEOGRAPHY</b>	<b>Chapter 4 ,5</b> (Book 1), <b>Chapter#8</b> Presentation: (Book 2 Ch,1)
<b>ISLAMIAT</b>	<b>Chapter #1</b> Revelation Of Quran <b>Ch#5</b> Prophet hood <b>Ch# 6</b> Concept Of Worship In Islam <b>Ch# 7</b> Importance Of Dua <b>Ch# 8</b> Zakat ( A Pillar Of Islam)
<b>MOALMUL QURAN</b>	UNIT # 4 (6,5,4,3,2 ,, سبق نمبر : 01, سبق نمبر : 2,3,4,5,6)
<b>COMPUTER</b>	Unit 1, 2, 3,4

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<b>P 2</b>	
<b>ENGLISH</b>	Unit # 1 to 10 Parts of speech, All 12 Tenses, <b>Play; Demon, Head Master, Active/ Passive Voice Essays</b> (Descriptive+ Narrative) Parts of speech All 12 Tenses
<b>MATHS</b>	<b>Chapter 9:</b> Ratio, Rate, Time and Speed <b>Chapter 11</b> triangles, quadrilaterals & polygons <b>Chapter 12</b> Geometrical Constructions <b>Chapter 13:</b> Perimeter and Area of Plane Figures
<b>URDU</b>	تحریرات: فقیر حضرت ایمن، شکوہ، جواب شکوہ، پاکستان کے موسم اور نظارے، زرد گشت سے ایک اقتباس، مضمون، خط، تعلیم، غلام اور گورنمنٹ قومی پرچم کے ادب، ایک ناقل فراموش واقعہ، فاتح سندھ محمد بن قاسم
<b>GENERAL SCIENCE</b>	<b>BOOK 8; Unit 12 (12.1-12.6) Unit 2 (2.1-2.6) Unit 6(6.1-6.6)</b> <b>BOOK 9; Unit 1 (1.1, 1.7) Unit 4 (4.1-4.4)</b>
<b>HISTORY</b>	<b>Chapter # 1,2,3,6,8,9,10</b> Presentation <b>Chapter # 4'5,11</b>
<b>GEOGRAPHY</b>	<b>Chapter 1,2,3</b>
<b>ISLAMIAT</b>	Passage from the Holy Quran (1 – 5), Prophet's ε life in Makkah Prophet's ε life in Madina History and importance of the Holy Quran)
<b>MOALMUL QURAN</b>	Unit #5 سبق نمبر : 1,2,3,4,5,6
<b>COMPUTER</b>	Unit 1, 2, 3, 4

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## CAMBRIDGE SECTION

### FIRST TERM SYLLABUS, 2021-2022

SR 1 A1/B1	
ENGLISH	Tenses & Part Of Speech Active & Passive Voice Narration Unit # 1 To 7 Letters + Composition (Descriptive& Narrative)
MATHS	<b>D3 Chapter 1:</b> Quadratic Equations & functions <b>D3 Chapter 3:</b> Linear inequalities in one variable <b>D3 Chapter 4:</b> Indices and standard form <b>D3 Chapter 5:</b> Application of mathematics in practical situations
ADD MATHS	Chapter 2: Simultaneous Equations Chapter 3: Indices, Surds Chapter 4: Factors & Polynomials Chapter 6: Log& Exp Equations
URDU	<b>P1: Directed writing, Letter, Dialogue, Report, Translation</b> <b>P2: Idioms, Sentence Transformation, Cloze Passage,</b> <b>Summary and Comprehension.</b>
PHYSICS	<b>Topic 1:</b> Physical Quantities, Measurements <b>Topic 2:</b> Kinematics <b>Topic 3:</b> Dynamics <b>Topic 4:</b> Mass, Weight & Density <b>Topic 5:</b> Turning Effect Of Force.
BUS. STDIES	<b>Unit 1</b> business enterprise <b>Unit 2</b> motivation
ACCOUNTS	Difference between book keeping and accounting Journal , Ledger , Trial balance , Day books
ECONOMICS	<b>Basic Economic Problem, Economic Systems, Trade Unions, Money And Finance, Business Organizations.</b>
HISTORY	<b>Chapter 1 2,3,4,5</b>
GEOGRAPHY	<b>Chapter 1,2,3</b>
ISLAMIAT	Passage From The Holy Quran (11 – 15), Article Of Faith Major Teachings In Hadis (1-10) History And Importance Of The Hadis
BIOLOGY	<b>Ch 1.1 – 1.6,</b> <b>Ch 2.7-2.13</b>
COMPUTER	Number system, text sound and images data storage and file compression, types and methods of data transmission, methods of error detection symmetric and asymmetries encryption
CHEMISTRY	<b>1.</b> The experimental chemistry, <b>2.</b> Particles of matter <b>3.</b> Methods of purifications, <b>4.</b> The structure of atom, <b>5.</b> The periodic table,
ARTS	Close Observation And Interpretative Drawings On Different Topics

# BAHRIA COLLEGE ISLAMABAD

## CAMBRIDGE SECTION

### FIRST TERM SYLLABUS, 2021-2022

SR 1 A2/B2	
<b>ENGLISH</b>	<b>Tenses &amp; Part Of Speech Active &amp; Passive Voice Narration</b> Unit # 1 To 7 Letters + Composition (Descriptive& Narrative)
<b>MATHS</b>	<b>D2 Ch # 6</b> (Algebraic Functions & Formulas) <b>Ch # 10</b> (Pythagoras Theorem ) <b>Ch# 12</b> (Volume & Surface Area Of Pyramids) <b>Ch# 17</b> (Averages ) <b>D3 Ch # 1</b> ( Quadratic Equations & Formulae)
<b>ADD MATHS</b>	Chapter 2: Simultaneous Equations Chapter 3: Indices, Surds Chapter 4: Factors & Polynomials Chapter 6: Log& Exp Equations
<b>URDU</b>	<b>P1: Directed writing, Letter, Dialogue, Report, Translation</b> <b>P2: Idioms, Sentence Transformation, Cloze Passage,</b> <b>Summary and Comprehension.</b>
<b>PHYSICS</b>	<b>Topic 1:</b> Physical Quantities, Measurements <b>Topic 2:</b> Kinematics <b>Topic 3:</b> Dynamics <b>Topic 4:</b> Mass , Weight & Density <b>Topic 5:</b> Turning Effect Of Force.
<b>BUS. STDIES</b>	<b>Unit 1</b> business enterprise <b>Unit 2</b> motivation
<b>ACCOUNTS</b>	Difference between book keeping and accounting Journal , Ledger , Trial balance , Day books
<b>ECONOMICS</b>	<b>Basic Economic Problem, Economic Systems, Trade Unions, Money And Finance, Business Organizations.</b>
<b>HISTORY</b>	<b>Chapter 1</b> 2,3,4,5
<b>GEOGRAPHY</b>	<b>Chapter 1,2,3</b>
<b>ISLAMIAT</b>	Passage From The Holy Quran (11 – 15), Article Of Faith Major Teachings In Hadis (1-10) History And Importance Of The Hadis
<b>BIOLOGY</b>	<b>Ch 1.1 – 1.6,</b> <b>Ch 2.7-2.13</b>
<b>COMPUTER</b>	Number system, text sound and images data storage and file compression, types and methods of data transmission, methods of error detection symmetric and asymmetries encryption
<b>CHEMISTRY</b>	<b>1.</b> The experimental chemistry, <b>2.</b> Particles of matter <b>3.</b> Methods of purifications, <b>4.</b> The structure of atom, <b>5.</b> The periodic table,
<b>ARTS</b>	Close Observation And Interpretative Drawings On Different Topics

# BAHRIA COLLEGE ISLAMABAD

## CAMBRIDGE SECTION

### FIRST TERM SYLLABUS, 2021-2022

SR II A/B	
<b>ENGLISH</b>	Unit # 1 to 4 All grammar work (Narrative and Descriptive writing) summary writing content points, letter writing
<b>MATHS</b>	Bearings, Area Of Sector, Circle Properties , Graph Of Functions And Speed-Time Graph
<b>URDU</b>	<b>P1: Directed writing, Letter, Dialogue, Report, Translation</b> <b>P2: Idioms, Sentence Transformation, Cloze Passage, Summary and Comprehension.</b>
<b>ISLAMIAT</b>	Caliphath (Hazrat Abu Bakar Caliphath ( Hazrat Umar) Caliphath ( Hazrat Usman) Caliphath ( Hazrat Ali )
<b>HISTORY</b>	<b>Chapter# 10,11,12,13</b>
<b>GEOGRAPHY</b>	<b>Chapter # 8,9,10,11</b>
<b>BIOLOGY</b>	<b>Chapter # 2.40-2.48</b>
<b>CHEMISTRY</b>	1: Salts And Identification Of Ions And Gases 2: Electricity And Chemicals
<b>PHYSICS</b>	<b>Topic 13: General Wave Properties Topic 14: Light, Topic 15: Electromagnetic Spectrum Topic 16:Sound</b>
<b>BUS. STDIES</b>	Unit 1 business enterprise Unit 2 motivation
<b>ACCOUNTS</b>	Sole trader and adjustments , Cash book, Journal Ledger, Partnership
<b>ECONOMICS</b>	Economics Firms, Costs and revenues of firms, wage determination, production and productivity
<b>COMPUTER</b>	Output Devices, Storage Devices, Text Sound And Images, Data Storage And File Compression
<b>ADD MATHS</b>	<b>Chapter 10: Trigonometric functions, Chapter 11: Simple trigonometric identities, Chapter 12: circular measure Chapter 13: permutations &amp; combinations.</b>
<b>ARTS</b>	Close Observation And Interpretative Drawings On Different Topics

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## CAMBRIDGE SECTION

### FIRST TERM SYLLABUS 2021-2022

SR III A/B	
<b>ENGLISH</b>	Comprehension Q /A Counter Points, Summary. Unit # 7 To 8 All Grammar Work (Narrative And Descriptive Writing) Report Writing / News Paper Report Letter Writing(Revised) Account Writing
<b>MATHS</b>	Statistics, probability , graphical solutions of linear inequalities in two variables
<b>BIOLOGY</b>	<b>Chapter#</b> 4.9-4.23
<b>CHEMISTRY</b>	Hole syllabus of SR2 and The Haber Process, Ammonia And Its Uses 2: Sulphuric Acid 3: Alkane
<b>PHYSICS</b>	<b>Topic 17:</b> Magnetism and Electromagnetism, <b>Topic 22:</b> Electromagnetism, <b>Topic 23:</b> Electromagnetic Induction
<b>BUS. STDIES</b>	Unit 1 business enterprise Unit 2 motivation Unit 3 marketing
<b>ACCOUNTS</b>	Sole trader and adjustments , Control accounts, Ratios Partnership , Theory of double entry
<b>ECONOMICS</b>	Economics Government policies and objectives; Taxes; Economic growth, International Trade and Exchange rates
<b>COMPUTER</b>	Programming concepts, loop structure algorithm and pseudo code
<b>ADD MATHS</b>	Differentiation I  Differentiation II
<b>ARTS</b>	Interpretative drawing
<b>ENV. MANAGEMENT</b>	<b>Chapter#</b> 1 rocks and minerals <b>Chapter#</b> 2 energy and the environment <b>Chapter#</b> 3 agriculture and the environment
<b>COMPUTER OPTIONAL</b>	Output devices memory and data storage high and low level language, security and ethics programming