



BANGLADESH SCHOOL MUSCAT

ACADEMIC YEAR 2024-25

CLASS: VII

SUBJECTS
BANGLA
ENGLISH
MATHS
SCIENCE (PHYSICS, CHEMISTRY, BIOLOGY)
ICT
SOCIAL STUDIES
ARABIC
ISLAMIC STUDIES / MORAL VALUES
ART

Class: VII

Subject: BANGLA

পাঠ্য বই	প্রথম সাময়িক	দ্বিতীয় সাময়িক	তৃতীয় সাময়িক
বাংলা (সপ্তম শ্রেণি)			
গদ্য	ক) কত দিকে কত কারিগর খ) তোলপাড়	ক) আষাঢ়ের এক রাতে খ) সেই ছেলেরি	ক) আমড়া ও ত্রাব নেবুলা খ) কত কাল ধরে
পদ্য	ক) ছিন্ন-মুকুল খ) মাঝি	ক) ময়নামতীর চর খ) নোলক	ক) ঢাকাই ছড়া খ) মোরা ঝঞ্ঝার মত উদ্দাম
আনন্দ পাঠ	জিদ	যুদ্ধক্ষেত্রে পিতা-পুত্র	জাগো সুন্দর(নাটিকা)
বাংলা ব্যাকরণ ও নির্মিত	ক) প্রমিত ভাষায় কথা বলি খ) পরিভাষা গ) বাগধারা (ইংরেজি) ঘ) বিপরীত শব্দ (বাক্যে ব্যবহার) ঙ) অনুবাদ চ) পত্র রচনা (প্রায়গিক লেখা) বা চিঠি ছ) প্রবন্ধ রচনা জ) বোধ পরীক্ষণ	ক) প্রতিশব্দ খ) পরিভাষা গ) প্রায় সমোচ্চারিত ভিন্নার্থক শব্দ (বাক্যে ব্যবহার) ঘ) বাগধারা (বাংলা) ঙ) অনুচ্ছেদ রচনা চ) আবেদনপত্র ছ) অনুবাদ জ) বোধ পরীক্ষণ	ক) বাক্য, বাক্যের শ্রেণিবিভাগ খ) পরিভাষা গ) যতিচিহ্ন ঙ) অনুবাদ চ) প্রবন্ধ রচনা ছ) বোধ পরীক্ষণ জ) দাওয়াতপত্র
মান বন্টন	১ম সাময়িক শ্রেণি মূল্যায়ন ২০ ১ম সাময়িক সমাপনী পরীক্ষা ৮০	২য় সাময়িক শ্রেণি মূল্যায়ন ২০ ২য় সাময়িক সমাপনী পরীক্ষা ৮০	৩য় সাময়িক শ্রেণি মূল্যায়ন ২০ ৩য় সাময়িক সমাপনী পরীক্ষা ৮০
	মোট ১০০	মোট ১০০	মোট ১০০

* প্রয়োজনে পাঠ্যসূচি পরিবর্তন ও পরিবর্ধন সাপেক্ষ।

CLASS: VII**SUBJECT: ENGLISH**

Name of the book	Term 1	Term 2	Term 3
iPrimary English Fiction Anthology-6	1. Find a Way Out: Lost (a play) 2. Incredible Quests: i) Escape at Bedtime ii) The Hidden Heart of Me	1. Curious Cases (Fiction) 2. Jess and Layla's Astronomical Assignment (Fiction)	1. Pictures 2. Petronas
iPrimary English Non-Fiction Anthology-6	1. Globe Challenge: Creatures in Danger 2. Running Tracks (Fiction)	1. When Will the Sun Go Out (Non-Fiction) 2. Running Tracks: A Beast in the Bushes, The Beast (Non-Fiction)	1. Globe Challenge Rainforests at Risk 2. How to be a Detective
iPrimary English Activity Book-6	Week: 2, 4, 6, 7, 12.	Week: 13, 15, 16, 18.	Week: 23, 24, 26, 29.
Comprehension	Will be practised in class.	Will be practised in class.	Will be practised in class.
Extended writing	Journal entry/ Story	Informal letter/ Story	Newspaper article/ Text of speech
Distribution of Marks	Formative Assessment - 20 Marks Term End Exam - 80 Marks Total - 100 Marks	Formative Assessment - 20 Marks Term End Exam - 80 Marks Total - 100 Marks	Formative Assessment - 20 Marks Term End Exam - 80 Marks Total - 100 Marks

➤ **Syllabus subject to change under unavoidable circumstances**

CLASS: VII

SUBJECT: MATHEMATICS.

Name of the book	Term 1	Term 2	Term 3
Pearson Edexcel MATH PROGRESS International YEAR 8 New Textbook	Chapter – 1: Number Chapter – 2: Equations and formulae. Chapter – 3: Working with powers Chapter – 4: 2D shapes and 3D solids. Chapter – 5: Graphs.	Chapter – 6: Fractions, Decimals, ratio and proportion. Chapter – 7: Probability. Algebra-5: Factorisation (Two terms and Sum and products). Use of $(a + b)^2$ and $(a - b)^2$ Formulae. From IGCSE Math Book 1, page (316 - 318), Ex:1(Q: 1 to 8) 3, 3*, 5, 5* 6, 6* **Worksheet will be provided for this topic. Revision: Chapter - 3 and 4 (First term portion)	Chapter – 8: Percentages and ratio. Chapter – 9: Shapes and angles. Chapter – 10: Charts and diagrams. Chapter – 11: Straight line graphs. Revision: Chapter: 6, 7 and Algebra – 5 (Second term portion)
Distribution of marks	Formative assessment: 20 marks Term End Exam: 80 marks Total: 100 marks	Formative assessment: 20 marks Term End Exam: 80 marks Total: 100 marks	Formative assessment: 20 marks Term End Exam: 80 marks Total: 100 marks

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CLASS: VII

SUBJECT: PHYSICS

Name of the book	Term 1	Term 2	Term 3
<p>Target Science – Foundation Tier By Stephen Pople</p>	<p>Topic 1: Units and Measurements</p> <ul style="list-style-type: none">- Physical quantities: Base and derived quantities- SI Units of some common physical quantities-Unit Conversion: Common base and derived quantities; Scalar and vector quantities. <p>Topic 2: Forces and Motion</p> <ul style="list-style-type: none">- Definition of key words - distance, displacement, speed, velocity, acceleration- Motion Graphs (x-t and v-t)- Effect of a force- Type of forces - weight, air resistance, tension, friction, etc- Weight and gravitational field strength, $W = mg$- Balanced and Unbalanced Forces,- Resultant force (net Force)- Moment: Formula to calculate moment, Use principle of Moments.- Hooke's law. Force vs extension graphs for metal wire and a rubber band.	<p>Topic 3: Work & Energy</p> <ul style="list-style-type: none">- Equation to calculate work done Work = Force × distance, Problem solving.- Unit of work and its definition- Different forms of Energy- The Law of conservation of energy,- Energy transformations- Calculation of Kinetic Energy and Gravitational Potential Energy. <p>Examples of energy stored as gravitational potential energy and elastic potential energy, being transferred to other energy stores.</p> <p>Topic 4: Magnetism and electromagnetism</p> <ul style="list-style-type: none">- Poles of a bar magnet- North (-seeking) pole and south (-seeking) pole, Compass, Like poles repel and opposite poles attract each other, Concept of magnetic field, How to find the shape of the magnetic field around a magnet, The Earth's magnetic field, A wire with an electric current flowing through it creates a magnetic field, Solenoid, Know how the strength of the magnetic field of an electromagnet can be changed.	<p>Topic 5: Efficiency and Power</p> <ul style="list-style-type: none">- Efficiency equation, problem solving- Sankey Diagrams- Relationship between power, work done and time taken- Problem solving <p>Topic 6: Waves</p> <ul style="list-style-type: none">- Types of waves, examples- Definitions of amplitude, frequency, and time Period- Wave equation, Problem solving <ul style="list-style-type: none">- Definition of reflection, the use of ray diagrams and the terms incident ray, reflected ray, normal, angle of incidence and angle of reflection, The Laws of reflection, problem solving.-Image formed in a plane mirror- Ray diagram.Definition of refraction, Simple examples such as looking at objects at the bottom of a pool of water/cup of water.

Distribution of Marks	<u>First Term End Exam</u>	<u>Second Term End Exam</u>	<u>Third Term End Exam</u>
	Formative Assessment - 6	Formative Assessment - 6	Formative Assessment - 8
	First Term End Exam - 26	Second Term End Exam - 26	Third Term End Exam - 28
	TOTAL - 32	TOTAL - 32	TOTAL - 36
	Question Pattern: Structural/ iLower Secondary	Question Pattern: Structural/ iLower Secondary)	Question Pattern: Structural/ iLower Secondary

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CLASS: VII**SUBJECT: CHEMISTRY**

Name of the book	Term 1	Term 2	Term 3
Target Science Chemistry book by Pat O'Brien	Topic 1: Atomic structure Topic 2: Ionic and Covalent bonding Topic 3: Chemical formulae equation and balancing.	Topic1: Metallic bonding Topic 2: Alkanes Topic 3: Alkenes	Topic 1: Rates of reaction Topic 2: Gases in the atmosphere Topic 3: Chemical formulae, equations & calculations
Distribution of Marks	Term End Examination: 26 Formative Assessment: 6 Total Marks: 32 (Questions as per IGCSE syllabus)	Term End Examination: 28 Formative Assessment: 8 Total Marks: 36 (Questions as per IGCSE syllabus)	Term End Examination: 26 Formative Assessment: 6 Total Marks: 32 (Questions as per IGCSE syllabus)

➤ **Syllabus subject to change under unavoidable circumstances**

CLASS: VII

SUBJECT: BIOLOGY

BIOLOGY				
Name of the book	Term 1	Term 2	Term 3	
New Coordinated science Biology for Higher Tier by Brian Beckett Rose Mario Gallagher	Topic 1: Structure and function of living organisms – Life processes Topic 2: Structure and function of living organisms Movement of molecules Topic 3: Humans and animals-The digestive system Topic 4: The nervous system Practical work Activity: The carbon cycle	Topic 1: Structure and function of living organisms – Cells and organization Topic 2: Respiration and gas exchange Topic 3: Blood, blood vessel and circulation Topic 4: Plants-Transport of water and minerals Practical work Activity: Gas exchange	Topic 1: Organisms and their environment- Interaction between living organisms Topic 2: Sense organ-The Eye Topic 3: Plants-Fertilizers Topic 4: Homeostasis Practical work Activity: Homeostasis	
Distribution of Marks	Term End Examination: 28 Formative Assessment: 8 Total Marks: 36	Term End Examination: 26 Formative Assessment: 6 Total Marks: 32	Term End Examination: 26 Formative Assessment: 6 Total Marks: 32	

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CLASS: VII

SUBJECT: ICT

Name of the book	Term 1	Term 2	Term 3
<p>Amazing World of Computers – 7</p>	<p>Modern Devices Smart Phone Smart Watch Smart Light DPA Pedometer Smart Thermostat 3D Printer Smart Doorbell. Smart Shoe Electronic Book Reader Driverless Car Smart Camera</p> <p>Hyper Text Markup Language</p> <ul style="list-style-type: none"> • Introduction • Webpage, Website, Web browser • Features of good webpage • Steps to create Web page using HTML • Tags used in HTML <p>Revision Project</p>	<p>Hyper Text Markup Language (HTML) (Continuation) Tags used in HTML. Codes of Webpage creation</p> <p>Number System Introduction to Number system Base of a number system Various number systems The number chart of decimal and Binary Conversions</p> <p>Digital literacy: Staying safe online. Collecting data online Danger online Protect your computer. Cyberbullying Use content responsibly. Giving credit Check what you know.</p> <p>Revision Project</p>	<p>Presentation using PowerPoint Introduction Advantages Beginning of PowerPoint and its options Working with different views Animation effects Transitions Insert Media Clips, Import data. Applications Preparing presentations</p> <p>Introduction to Python History of programming language python Executing python Program Syntax Types of error in a program Quotation Python Program Examples</p> <p>Revision Project</p>
<p>Distribution of Marks</p>	<p>Formative test: : 20 Term End Examination : 80 Total Marks : 100</p>	<p>Formative test: : 20 Term End Examination : 80 Total Marks : 100</p>	<p>Formative test: : 20 Term End Examination : 80 Total Marks : 100</p>

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CLASS-VII

SUBJECT: SOCIAL STUDIES

Name of the book	Term 1	Term 2	Term 3
<p>Oxford Lower Secondary Social Studies 7</p>	<p>Topic 1: Identity and Culture</p> <p>Introduction</p> <p>1.1 Who do you think you are?</p> <p>1.2 What is self-esteem?</p> <p>1.3 Values, morals and principal</p> <p>1.4 What motivates us?</p> <p>1.5 How do we choose a course of action?</p> <p>1.6 What is culture?</p> <p>1.7 What are the common culture experiences?</p> <p>Review Your learning</p> <p>Topic 2: History and Heritage</p> <p>Introduction</p> <p>2.1 What is material heritage and how do we preserve it?</p> <p>2.6 What farming methods did the ancient civilizations develop?</p> <p>Review your learning</p>	<p>Topic 3: People and places</p> <p>Introduction</p> <p>3.1 Do geographical features influence where people live</p> <p>3.2. Why do different ways of living develop?</p> <p>3.3 Why do earthquake and volcanoes happen?</p> <p>3.4 How do animals, plants and people adapt to desert climate?</p> <p>3.5 How have global populations changed over time?</p> <p>3.6 What are economic activities?</p> <p>Review your learning</p> <p>Topic 4: Citizenship</p> <p>Introduction</p> <p>4.1 What does it mean to be a citizen?</p> <p>4.2 What is a government?</p> <p>4.3 The different branches of government</p> <p>4.4 Governments in the Arabian Gulf</p>	<p>Topic 4: Citizenship</p> <p>4.7 Consumers affairs</p> <p>4.8 Consumers and technology</p> <p>Review your learning</p> <p>Topic 5: Economics</p> <p>Introduction</p> <p>5.1 What is an economy?</p> <p>5.2 How does an economy work?</p> <p>5.3 How do different economies operate?</p> <p>5.4 What economic role do government have?</p> <p>5.5 Why do governments intervene in a market economy?</p> <p>5.6 Who provides goods and services?</p> <p>5.7 How does an economy develop?</p> <p>5.8 Why and how does the world trade?</p> <p>Review your learning</p>

		4.5 Human resources and education 4.6 Human resources and health	
Distribution of Marks	Term End Examination: 80 Formative Assessment: 20 Total Marks: 100	Term End Examination: 80 Formative Assessment: 20 Total Marks: 100	Term End Examination: 80 Formative Assessment: 20 Total Marks: 100

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CLASS: VII**SUBJECT: ARABIC, ISLAMIC & MORAL EDUCATION**

Name of the book	Term 1	Term 2	Term 3
Moral values - Work and Life Oriented Education Class Seven	1)The Ka'abah: The First House of worship 2)The Prayer (1) (As Salah) 3) The Prayer (2) (As Salah) 4) Sura Al A'alaah(The Most High) 5)Prophet Muhammad (SAW) (1,2,3,4) Revision	ISLAMIC STUDIES 1) Remembrance of Allah and supplication 2) Taraweeh Prayers 3) Surah Al Ghashiyah 4) Sawm (Fasting) 5) Prophet Muhammad (SAW) (5,6,7) 6) Surah Ad Dhuhaa (The bright morning) 7) Khadeejah Binte Khuawlid (RA) 8) Bilal Ibn Rabiaah (RA) Revision	11) Good Moral Character 2) Perfecting our character 3) Surah Al Balad (The city) 4) Some good habits that a Muslim must cultivate 5) Thankfulness 6) Sura Ash-Shams (The Sun) 7) Etiquettes of conversation 8) Prophet Nuh (As) (1,2,3) 9) Islam and Science Revision
Moral values for students	MORAL EDUCATION Chapter 1 Work and humanity - 1-23 Topic: Understanding Moral values Revision Project	MORAL EDUCATION Chapter 2 Domestic Work and Profession -24-41 Topic: Importance of Moral values Revision Project	MORAL EDUCATION Chapter 3 Educational Planning and success at work – 42-64 Topic: Be a Role Model Revision Project

<p>Arabic for Beginners Class: Seven</p>	<p>1- Important Vocabularies 2 - Writing (About my school) 3 - (Conversation) 4- Use of Answering Words 5- (Reading and writing) 6- Writing a Story in Arabic 7-Use of Positive Answers 8-Use of Negative Answers</p> <p>Revision</p>	<p>ARABIC LANGUAGE</p> <p>1- Learning Translation 2- Dishes in sentence formation 3- Names of fruits in sentence 4- Use of Interrogatives 5-Short sentences (For emergency) 6-Past tense (For Shopping) 7-Present tense (In Home Activities.) 8-Reporting about an Accident to police</p> <p>Revision</p>	<p>1 –Picture Work 2 –Making Sentence with objects 3 -Describing My Location 4 -Knowing Nationalities 5 -Arabic Names of Countries 6 -Names of Import. Gove. Sectors 7 -Visiting a patient 8 -Conversation on picnic</p> <p>Revision</p>
<p>Distribution of Marks</p>	<p>Islamic & Moral Education</p> <p>Monthly Tests: 10 Term End Exam: 40 Total Marks: 50</p> <p>Arabic Language</p> <p>Monthly Tests: 10 Term End Exam: 40</p> <p>Grand Total Marks: 100</p>	<p>Islamic & Moral Education</p> <p>Monthly Tests: 10 Term End Exam: 40 Total Marks: 50</p> <p>Arabic Language</p> <p>Monthly Tests: 10 Term End Exam: 40</p> <p>Grand Total Marks: 100</p>	<p>Islamic & Moral Education</p> <p>Monthly Tests: 10 Term End Exam: 40 Total Marks: 50</p> <p>Arabic Language</p> <p>Monthly Tests: 10 Term End Exam: 40</p> <p>Grand Total Marks: 100</p>

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CLASS: VII

SUBJECT: ART AND DESIGN

Name of the book	Term 1	Term 2	Term 3
Optima Art Plus 7	Unit One: Introduction What is Art Elements of Arts Principal of Art Hatching Cross Hatching Unit Two: Still Life Forms and shadows Value of grey Fruits Study Object Drawing Unit Three: Natural form Flowers Leaves Tree trunk Landscape	Unit Four: Animals and Birds Animals Birds Fish Unit Five: Human Figure Human Head Face and Features Man's Face Bullock cart Unit Six: City Scape Neighborhood cottage Street Scene Unit Seven: Village Scene Pencil Study Mosque (Colour Pencil)	Unit Eight: Design & Decor Pattern design (Step by step) Flora Design (Free Hand Drawing) Unit Eight: Design & Decor Pattern Motifs Border Design Calligraphy Unit Ten: Creative Craft Paper Mask Paper Sculpture Bas Relief
Types of Questions and Distribution of Marks	<u>Practical</u> Formative Assessment: 20 Term End Exam: 80 Total Marks: 100	<u>Practical</u> Formative Assessment: 20 Term End Exam: 80 Total Marks: 100	<u>Practical</u> Formative Assessment: 20 Term End Exam: 80 Total Marks: 100

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