



# **BANGLADESH SCHOOL MUSCAT**

**ACADEMIC YEAR 2024-25**

**CLASS: IV**

**SUBJECTS**

**BANGLA**

**ENGLISH**

**MATHS**

**SCIENCE**

**ICT**

**SOCIAL STUDIES**

**ARABIC AND ISLAMIC STUDIES**

**MORAL VALUES**

**ART AND CRAFT**

CLASS: IV

SUBJECT: BANGLA

পাঠ্য বই	প্রথম সাময়িক	দ্বিতীয় সাময়িক	তৃতীয় সাময়িক
আমার বাংলা বই গদ্য	ক) বাংলাদেশের প্রকৃতি খ) বড় রাজা ছোট রাজা	ক) মহীয়সী রোকেয়া খ) হাত ধুয়ে নাও	ক) বাওয়ালিদের গল্প খ) ঘুরে আসি সোনার গাঁও
পদ্য	ক) পালকির গান খ) মা	ক) আবোল- তাবোল খ) মোদের বাংলা ভাষা	ক) বীরপুরুষ খ) নেমন্তন্ন
ভাষা বিকাশ বাংলা ব্যাকরণ ও নির্মিতি	ক) বিপরীত শব্দ খ) পরিভাষা গ) প্রতিশব্দ ঘ) ধ্বনি ও বর্ণ ঙ) অনুবাদ চ) অনুচ্ছেদ ১. শীতকাল ২. বাংলাদেশের পাখি ছ) বোধ পরীক্ষণ জ) প্রকল্প কাজ	ক) বিপরীত শব্দ খ) পরিভাষা গ) প্রায় সমোচ্চারিত ভিন্নার্থক শব্দ ঘ) দ্বিরুক্ত শব্দ ঙ) অনুবাদ চ) অনুচ্ছেদঃ ১. রবীন্দ্রনাথ ঠাকুর ২. তোমার শখ ছ) বোধ পরীক্ষণ জ) প্রকল্প কাজ	ক) বিপরীত শব্দ খ) পরিভাষা গ) এক কথায় প্রকাশ ঘ) কার, ফলা, ও যুক্ত বর্ণ ঙ) অনুবাদ চ) অনুচ্ছেদঃ ১. কাগজ ২. পহেলা বৈশাখ ছ) বোধ পরীক্ষণ জ) প্রকল্প কাজ
মান বন্টন	<u>১ম সাময়িক</u> শ্রেণি মূল্যায়ন ৩০ ১ম সাময়িক সমাপনী পরীক্ষা ৭০ মোট = ১০০	<u>২য় সাময়িক</u> শ্রেণি মূল্যায়ন ৩০ ২য় সাময়িক সমাপনী পরীক্ষা ৭০ মোট = ১০০	<u>৩য় সাময়িক</u> শ্রেণি মূল্যায়ন ৩০ ৩য় সাময়িক সমাপনী পরীক্ষা ৭০ মোট = ১০০

\* প্রয়োজনে পাঠ্যসূচি পরিবর্তন ও পরিবর্ধন সাপেক্ষ।

**CLASS: IV**

**SUBJECT: ENGLISH**

<b>Name of the books</b>	<b>Term 1</b>	<b>Term 2</b>	<b>Term 3</b>
<b>1. iPrimary English Fiction Anthology</b>	<b>The Quigleys: Wild Life</b>	<b>Mountain Tales of Norway: The Happiest People of the Hills</b>	<b>Watching Comets</b>
	<b>Globe Challenge: Lost in Egypt</b>	<b>A Volcano Wakes Up</b>	<b>The Cloud Rider</b>
<b>2. iPrimary English Non-fiction Anthology</b>	<b>Zoo News</b>	<b>When You Were My Age</b>	<b>In Their Shoes: My Life as a Roman Slave</b>
	<b>Real life: Daredevils</b>	<b>Awesome Animal Adventures</b>	<b>Step Inside a Story: The Author Visit</b>
<b>3. iPrimary English Activity Book</b>			
<b>Distribution of Marks</b>	<b>Formative Test: 30</b> <b>Term End Exam: 70</b>	<b>Formative Test: 30</b> <b>Term End Exam: 70</b>	<b>Formative Test: 30</b> <b>Term End Exam: 70</b>
	<b>Total 100</b>	<b>Total 100</b>	<b>Total 100</b>

➤ Syllabus subject to change under unavoidable circumstances

**CLASS: IV**

**SUBJECT: MATHEMATICS**

Name of the books	Term 1	Term 2	Term 3
<p style="text-align: center;"><b>Explore Maths Plus 4</b></p>	<p><b>1. Topic: Numbers</b></p> <ul style="list-style-type: none"> <li>a) Number names/Numerals up to 7 digits</li> <li>b) Place Value Systems (up to 7 digits)</li> <li>c) Place Value and Face Value</li> <li>d) Expanded form and Short form</li> <li>e) Comparison of numbers</li> <li>f) Ascending order / Descending order</li> <li>g) Formation of numbers using the given digits</li> </ul> <p><b>2. Topic: Roman Numerals</b></p> <ul style="list-style-type: none"> <li>a) Numbers 1 to 20</li> <li>b) Numbers 50, 100, 500 and 1000</li> </ul> <p><b>3. Topic: Addition</b></p> <ul style="list-style-type: none"> <li>a) Properties of addition</li> <li>b) Addition of large numbers</li> <li>c) Word problems</li> </ul> <p><b>4. Topic: Subtraction</b></p> <ul style="list-style-type: none"> <li>a) Properties of subtraction</li> <li>b) Subtraction of large numbers</li> <li>c) Word problems</li> </ul>	<p><b>1. Topic: Unitary Method</b></p> <p><b>2. Topic: Tests of Divisibility</b></p> <p><b>3. Topic: Factors and Multiples</b></p> <ul style="list-style-type: none"> <li>a) Properties of factors</li> <li>b) Composite numbers</li> <li>c) Prime Factors (Prime Factorization Method)</li> <li>d) Properties of Multiples</li> <li>e) Common Multiples</li> </ul> <p><b>4. Topic: Fractions</b></p> <ul style="list-style-type: none"> <li>a) Writing Fraction in words and numeral form</li> <li>b) Unit fractions</li> <li>c) Equivalent fractions</li> <li>d) Reduction of fraction</li> <li>e) Addition of like fractions</li> <li>f) Subtraction of like fractions</li> <li>g) Converting Improper fraction into Mixed fraction</li> <li>h) Converting Mixed fraction into Improper fraction</li> </ul>	<p><b>1. Topic: Measurements</b></p> <ul style="list-style-type: none"> <li>a) Length-Conversion ,addition, subtraction and word problems</li> <li>b) Mass- Conversion ,addition, subtraction and word problems</li> <li>c) Capacity- Conversion ,addition, subtraction and word problems</li> </ul> <p><b>2. Topic: Time and Calendar</b></p> <ul style="list-style-type: none"> <li>a) Telling time correct to the nearest minutes</li> <li>b) Conversion of Time</li> <li>c) Operation on Time Measures</li> <li>d) Calendar</li> </ul> <p><b>3. Topic: Money</b></p> <ul style="list-style-type: none"> <li>a) Bangladeshi Taka</li> <li>b) Bangladeshi poisha</li> <li>c) Converting Taka into poisha</li> <li>d) Converting poisha into Taka</li> <li>e) Addition and subtraction of money</li> <li>f) Word problems</li> </ul>

	<p><b>5.Topic: Multiplication</b></p> <p>a) Multiplication Table (1 – 12)  b) Properties of multiplication  c) Multiplying a number by 10,100,1000 ... etc  d) Multiplication of 4 digit numbers by 2 digits with &amp; without carry over.  e) Multiplication of 4 digit numbers by 3 digits with &amp; without carry over.  f) Word problems</p> <p><b>6.Topic: Division</b></p> <p>a) Properties of division  b) Division by 10,100,1000 ... etc  c) Division of 3 and 4 digit numbers by 1and 2 digit numbers (with /without remainder).  d) Word problems.</p> <p><b>7. Topic: Geometry</b>  Types of Straight lines</p>	<p><b>5. Topic: Perimeter and Area</b></p> <p>a) Perimeter of a- Square, Rectangle and Triangle  b) Area-Unit of Area.</p>	<p><b>4.Topic: Data Handling</b></p> <p>a) Pictograph  b) Tally marks  c) Bar graphs</p> <p><b>* 15% portion of both First Term and Second Term will be included.</b></p> <p>a) Division of 3 and 4 digit numbers by 1and 2 digit numbers and  b) Unitary Method  c) Fractions</p>
<b>Distribution of Marks</b>	<p><b>Formative Test: 30</b>  <b>Term End Exam: 70</b></p> <hr/> <p><b>Total 100</b></p>	<p><b>Formative Test: 30</b>  <b>Term End Exam: 70</b></p> <hr/> <p><b>Total 100</b></p>	<p><b>Formative Test: 30</b>  <b>Term End Exam: 70</b></p> <hr/> <p><b>Total 100</b></p>

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**CLASS: IV**

**SUBJECT: SCIENCE**

<b>Name of the books</b>	<b>Term 1</b>	<b>Term 2</b>	<b>Term 3</b>
<b>Smart Primary Science-4</b>	<p><b>Topic 1: Plant Classification</b></p> <ul style="list-style-type: none"><li>*Habitat and micro habitat</li><li>*Classification of Terrestrial plants</li><li>*Plants that grow- in plains, in deserts, in heavy rainfall areas, the sea coast, in swampy areas</li><li>*Aquatic plants</li><li>*Insectivorous plants</li><li>*Non-green plants</li></ul> <p><b>Topic 2: Animal Classification</b></p> <ul style="list-style-type: none"><li>*Animal habitat-Terrestrial animals, Aquatic animals, Amphibians, Arboreal animals, Aerial animals</li><li>*Food habits of animals-Herbivores, Carnivores , Omnivores, Scavengers, Parasites</li></ul> <p><b>Topic 3: Exploring Materials</b></p> <ul style="list-style-type: none"><li>*Materials we use in our daily life</li><li>*Some common types of materials-wood, rubber, fabrics etc</li><li>*Properties of materials</li></ul> <p><b>Topic 4: Force and Work</b></p> <ul style="list-style-type: none"><li>*Effects of force</li><li>*Types of force</li><li>*Work</li><li>*Simple machine</li></ul>	<p><b>Topic 1: Life cycle of Animals</b></p> <ul style="list-style-type: none"><li>*Life cycle</li><li>*Life cycle of -some egg laying animals, a frog, insects, a butterfly, cockroach, grasshopper</li><li>*Animals that give birth to young ones</li></ul> <p><b>Topic 2: Life cycle of a Plant</b></p> <ul style="list-style-type: none"><li>*Life cycle of a plant</li><li>*Flower</li></ul> <p><b>Topic 3: Our Environment</b></p> <ul style="list-style-type: none"><li>*Types of adaptations</li><li>*Adaptation for-protection, breathing, catching prey, coping with extreme temperature</li><li>*Human beings and the environment</li><li>*Pollution</li><li>*Land and water pollution</li><li>*Ways to reduce pollution</li><li>*Importance of plants and wildlife</li><li>*How to save plants and wildlife</li><li>*Endangered and extinct species</li><li>*Save our environment</li></ul>	<p><b>Topic 1: Human Body: Nutrition and Organ System</b></p> <ul style="list-style-type: none"><li>*Nutrients</li><li>*Carbohydrates</li><li>*Fats</li><li>*Minerals</li><li>*Roughage and water</li><li>*Balanced diet</li><li>*The teeth</li><li>*The digestive system</li><li>*Circulatory system</li><li>*Excretory system</li></ul> <p><b>Topic 2: Plant: Body System</b></p> <ul style="list-style-type: none"><li>*The structure of a leaf</li><li>*Photosynthesis</li><li>*Transpiration</li><li>*Importance of transpiration</li><li>*Interdependence of plants and animals</li></ul> <p><b>Topic 3: States of Matter</b></p> <ul style="list-style-type: none"><li>*The three states of matter-Solid, Liquid, Gas</li><li>*Arrangement of particles in solids, liquids and gases</li><li>*How does water change from one state to another</li><li>*What happens when a state of matter gains heat</li><li>*Boiling</li><li>*What happens when matter loses heat</li></ul>

	<b>Topic 5: Light</b> *Reflection of light *How light travels *Shadows	<b>Topic 4: Measurement</b> *Measurement of –length, mass, volume, time, temperature	*Condensation *The water cycle *Solute, solvent and solution *Reversible and irreversible changes  <b>Topic 4: Heat and Temperature</b>  *Heat *Uses of heat *Transfer of heat from one object to other *Temperature *Effects of change in normal body temperature  <b>Topic 5: The Solar System</b> (The content will be provided)  *The Solar System *Rotation and Revolution
<b>Distribution of Marks</b>	<b>Formative Test:</b> 30 <b>Term End Exam:</b> 70	<b>Formative Test:</b> 30 <b>Term End Exam:</b> 70	<b>Formative Test:</b> 30 <b>Term End Exam:</b> 70
	<b>Total</b> 100	<b>Total</b> 100	<b>Total</b> 100

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CLASS: IV

SUBJECT: ICT

Name of the books	Term 1	Term 2	Term 3
<b>AMAZING WORLD OF COMPUTERS</b> 4	<p><b><u>Theory:</u></b></p> <ol style="list-style-type: none"><li><b><u>The internet</u></b><ul style="list-style-type: none"><li>➤ Network &amp; internet</li><li>➤ Basic requirements for an internet connection</li><li>➤ Parts of a browser window</li><li>➤ Terminology - WWW, url, isp, net surfing</li><li>➤ Search engine-use of keywords</li></ul></li><li><b><u>Digital literacy (using the www)</u></b><ul style="list-style-type: none"><li>➤ searching web</li><li>➤ improving web search</li><li>Be sure, be save</li></ul></li></ol> <p><b><u>Practical:</u></b></p> <ol style="list-style-type: none"><li><b><u>Introduction to MS word</u></b><ul style="list-style-type: none"><li>➤ Editing and formatting</li><li>➤ Editing a document</li><li>➤ Formatting a document</li></ul></li><li><b><u>Multimedia</u></b> (Writing and editing a document)<ul style="list-style-type: none"><li>➤ Create a new text document</li><li>➤ Change the look of a document</li><li>➤ Check a spelling within a document</li></ul></li></ol>	<p><b><u>Theory:</u></b></p> <ol style="list-style-type: none"><li><b><u>Introduction to flow chart</u></b><ul style="list-style-type: none"><li>➤ what is a flowchart</li><li>➤ flowchart symbols</li><li>➤ Flow charts on steps</li><li>➤ Flowchart on input process output</li></ul></li><li><b><u>Algorithm</u></b><ul style="list-style-type: none"><li>➤ Definitions</li><li>➤ Examples</li><li>➤ How to write an algorithm</li></ul></li></ol> <p><b><u>Practical:</u></b></p> <ol style="list-style-type: none"><li><b><u>Paint</u></b><ul style="list-style-type: none"><li>➤ Recap</li><li>➤ The ribbon and the tabs</li><li>➤ Review of rotate options</li><li>➤ Selection forms</li><li>➤ Application of various tools.</li></ul></li><li><b><u>Numbers and data (working with values)</u></b><ul style="list-style-type: none"><li>➤ Storing number values in a spreadsheet</li><li>➤ Spreadsheet functions</li></ul></li></ol>	<p><b><u>Theory:</u></b></p> <ol style="list-style-type: none"><li><b><u>The nature technology (computers around us)</u></b><ul style="list-style-type: none"><li>➤ The power of computers</li><li>➤ Computer storge</li><li>➤ Store, save files</li></ul></li></ol> <p><b><u>Practical:</u></b></p> <ol style="list-style-type: none"><li><b><u>Scratch programming</u></b><ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Changing sprites, images, shapes</li><li>➤ Multiple sprites</li><li>➤ Blocks -looks, motion, control, pen and sound use of forever ,if</li></ul></li><li><b><u>Programming (make a game)</u></b><ul style="list-style-type: none"><li>➤ Improve a program by adding extra features</li><li>➤ Design own game</li></ul></li></ol>