



# BAL BHARATI PUBLIC SCHOOL

## SYLLABUS (2024-2025)

CLASS-VIII

SUBJECT: SCIENCE

### TEXTBOOKS:-

1. Science- Textbook for Class-VIII
2. Science exemplar problems Class-VIII

HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)

MONTHS	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE
APRIL 2024 to AUGUST 2024	Ch-1 Crop Production and Management	1.1Agricultural Practices 1.2 Basic Practices of Crop Production 1.3 Preparation of Soil 1.4 Sowing 1.5Adding Manure and Fertilisers 1.6 Irrigation 1.7 Protection from Weeds 1.8 Harvesting 1.9 Storage 1.10 Food from Animals	12
	Ch3-Coal and Petroleum	3.1 Coal 3.2 Petroleum 3.3 Natural Gas 3.4 Some Natural Resources are limited	12
	Ch 4- Combustion and Flame	4.1 What is combustion 4.2 How do we Control fire? 4.3 Types of Combustion	8
	Ch 6- Reproduction In Animals	6.1 Modes of Reproduction 6.2 Sexual Reproduction 6.3 Asexual Reproduction	8
	Ch 8- Force & Pressure	8.1 Force- A push or a pull. 8.2 Forces are due to an interaction. 8.3 Exploring forces. 8.4 A force can change the state	10

		of motion. 8.5 Force can change the shape of an object. 8.6 Contact forces. 8.7 Non-contact forces 8.8 Pressure 8.9 Pressure exerted by liquids & gases 8.10 Atmospheric pressure	
	Ch 9- Friction	9.1 Force of friction 9.2 Factors affecting friction 9.3 Friction: a necessary evil 9.4 Increasing & Reducing friction 9.5 Wheels reduce friction 9.6 Fluid friction	06
	Ch 10- Sound	10.1 Sound is produced by a vibrating body. 10.2 Sound produced by humans. 10.3 Sound needs a medium for propagation	04
<b>TOTAL MARKS</b>			<b>60</b>

**SYLLABUS (2024-2025)**
**कक्षा - अष्टमी**
**अर्धवार्षिक परीक्षा पाठ्यक्रम**
**विषय - संस्कृतम् सत्र - 2024-25**
**SUBJECT:संस्कृतम्**
**TEXTBOOKS:**
**1.दिवांजलि: - संस्कृत पाठमाला -3**
**2. कणिका - संस्कृत व्याकरण तथा रचना- 8**
**HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024 )**

MONTHS	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
APRIL 2024 to AUGUST 2024	पाठ 1 मूर्खः अनुचरः	•एक पदेन उत्तरत	2
		•प्रश्न निर्माण	1
		•विपर्यय पद	2
	पाठ 2 नीतिश्लोकाः	•अन्वय पूर्ति	2
		•पर्याय शब्द	2
		•संस्कृत अनुवाद	2
	पाठ 4. स्वास्थ्यचक्रम्	•एक पदेन उत्तरत	2
		•पर्याय शब्द	2
		•विपर्यय पद	2
	पाठ 5. अतिलोभः न कर्तव्यः	•प्रश्न निर्माण	1
•घटना क्रम		4	
•एक पदेन उत्तरत		2	
पाठ 6. तुलसीपादप आत्मकथा	•एक पदेन उत्तरत	2	

	पाठ 8. पुनर्मूषको भव	<ul style="list-style-type: none"> <li>•प्रश्न निर्माण</li> <li>•एक पदेन उत्तरत</li> <li>•प्रश्न निर्माण</li> <li>•प्रकृति प्रत्यय विभाग</li> </ul>	<p>1</p> <p>2</p> <p>1</p> <p>2</p>
	<b>व्याकरणम्</b>		
	1 धातुरूप	गम्, अस्, कृ (पांच लकार में)	3
	2 शब्दरूप	राम, नदी, अस्मद्, किम् (तीनों लिंगों में)	3
	3 समय लेखनम्	(पूर्ण, सपाद, सार्ध, पादोन.)	2
	4 संख्या	1 से 50	2
	5 अव्यय	ह्यः श्वः, अद्य सम्प्रति, कथम्, किमर्थम्, तर्हि, एव, यथा, तथा, इतस्ततः, यदि, नूनम्, कति, किम्।	2
	7 उपपद् विभक्ति	द्वितीया - रक्ष, विना, प्रति, धिक्, निकषा । तृतीया- सह, विना, अलम् (बस करो)	2
	8 अपठित गद्यांश		3

	9 चित्र वर्णन	पाठ्यपुस्तक से	4
	10 पत्रपूर्ति	पाठ्यपुस्तक से	4
	11 संवाद पूर्ति	पाठ्यपुस्तक से	3
	12 संधि	दीर्घ, गुण	2

<b>TOTAL MARKS</b>			<b>60</b>

**NOTE: The above syllabus is for assessment purpose and remaining chapters/topics may be taught as subject-learning enrichment.**

**Schools may consider the following suggestions:**

- Make sure you are thorough with the entire syllabus before allocating weightage.
- Please rationalize the syllabus based on the Annual Examination Schedule.
- The specific syllabus for each exam should be clearly mentioned.
- Please mention the chapters which are not meant for evaluation/assessment purpose and should be done for learning enrichment.
- Blueprint along with the weightage assigned to each chapter is to be mentioned. Also, certain topics that have been thoroughly covered in previous examinations can be assessed through revision assignments or projects. This would allow students to focus on more important chapters.
- Blueprint and question paper design along with weightage to be submitted with Question Paper.
- Classes (IX-XI) subject teachers to adhere to the instructions as per the CBSE Curriculum.
- The subject allotments for Class XI will be discussed in the next Advisory Council Meeting and shared with all.



# BAL BHARATI PUBLIC SCHOOL

## SYLLABUS (2024-2025)

CLASS: VIII SUBJECT: MATHEMATICS

### TEXTBOOKS:

1. Mathematics - Textbook for class VIII - NCERT Publication
2. Mathematics exemplar problems for class VIII, NCERT publication

### HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)

MONTHS	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE
APRIL 2024 to AUGUST 2024	Chapter-1 Rational Numbers	1.1 Introduction 1.2 Properties of Rational Numbers	8
	Chapter-2 Linear Equation in One Variable	2.1 Introduction 2.2 Solving Equations having the Variable on Both Sides 2.3 Reducing Equations to Simpler Form	8
	Chapter-3 Understanding Quadrilaterals	3.1 Introduction 3.2 Sum of the Measures of the Exterior Angles of a Polygon 3.3 Kinds of Quadrilaterals 3.4 Some Special Parallelograms	12
	Chapter-4 Data Handling	4.1 Looking for Information 4.2 Circle Graph or Pie Chart 4.3 Chance and Probability	11
	Chapter-5 Squares and square roots	5.1 Introduction 5.2 Properties of Square Numbers 5.3 Some More Interesting Patterns 5.4 Finding the Square of a Number	13

		5.5 Square Roots	
		5.6 Square Roots of Decimals	
	Chapter-6 Cubes and cube roots	7.1 Introduction 7.2 Cubes 7.3 Cube Roots	8
<b>TOTAL MARKS</b>			60

**ANNUAL EXAMINATION**

<b>MONTHS</b>	<b>UNIT/CHAPTER /TOPIC</b>	<b>SUBTOPICS</b>
<b>APRIL 2024 to JANUARY 2025</b>	Chapter-1 Rational Numbers	1.1 Introduction 1.2 Properties of Rational Numbers
	Chapter-2 Linear Equation in One Variable	2.1 Introduction 2.2 Solving Equations having the Variable on Both Sides 2.3 Reducing Equations to Simpler Form
	Chapter-3 Understanding Quadrilaterals	3.1 Introduction 3.2 Sum of the Measures of the Exterior Angles of a Polygon 3.3 Kinds of Quadrilaterals 3.4 Some Special Parallelograms
	Chapter-4 Data Handling	4.1 Looking for Information 4.2 Circle Graph or Pie Chart 4.3 Chance and Probability
	Chapter-5 Squares and square roots	5.1 Introduction 5.2 Properties of Square Numbers 5.3 Some More Interesting Patterns 5.4 Finding the Square of a Number



		5.5 Square Roots 5.6 Square Roots of Decimals
	Chapter-6 Cubes and cube roots	6.1 Introduction 6.2 Cubes 6.3 Cube Roots
	Ch-7 Comparing Quantities	7.1 Recalling Ratios and Percentages 7.2 Finding Discounts 7.3 Sales Tax/Value Added Tax/Goods and Services Tax 7.4 Compound Interest 7.5 Deducing a Formula for Compound Interest 7.6 Applications of Compound Interest Formula
	Ch-8 Algebraic Expression	8.1 Addition and Subtraction of Algebraic Expressions 8.2 Multiplication of Algebraic Expressions: Introduction 8.3 Multiplying a Monomial by a Monomial 8.4 Multiplying a Monomial by a Polynomial 8.5 Multiplying a Polynomial by a Polynomial
	Ch-9 Mensuration	9.1 Introduction 9.2 Area of a Polygon 9.3 Solid Shapes 9.4 Surface Area of Cube, Cuboid and Cylinder 9.5 Volume of Cube, Cuboid and Cylinder 9.6 Volume and Capacity
	Ch-10 Exponents and Powers	10.1 Introduction 10.2 Powers with Negative Exponents 10.3 Laws of Exponents

		10.4 Use of Exponents to Express Small Numbers in Standard Form
	Ch-11 Direct and Inverse Proportions	11.1 Introduction 11.2 Direct Proportion 11.3 Inverse Proportion
	Ch-12 Factorisation	12.1 Introduction 12.2 What is Factorisation? 12.3 Division of Algebraic Expressions 12.4 Division of Algebraic Expressions Continued (Polynomial $\div$ Polynomial)
	Ch-13 Introduction to Graphs	13.1 Introduction 13.2 Some Applications

**NOTE:**

**For the annual exams, schools may consider the following suggestions:**

- Rationalize the syllabus as per their individual annual examination schedule.
- The blueprint of the annual examination question paper can be shared with the students mentioning the topics that would be covered through projects, revision assignments and various typology of questions.

## पाठ्यक्रम (2024-2025)

कक्षा : VIII

विषय: हिंदी

पाठ्य पुस्तकें :

1-वसंत भाग-3 (एन.सी.ई.आर.टी.)

2- मधुर हिंदी व्याकरण - 8 (पी.पी.पब्लिकेशंस)

### अर्द्धवार्षिक परीक्षा (23 अगस्त 2024 से 9 सितंबर 2024 तक )

माह	विषय	उपविषय	अंक निर्धारण (WEIGHTAGE)
अप्रैल 2024 से अगस्त 2024 तक	अपठित गद्यांश	विमर्शात्मक अनुच्छेद	10
	व्याकरण	1-अनेकार्थी शब्द 2-पर्यायवाची शब्द 3-अनेक शब्दों के लिए एक शब्द 4-अशुद्ध वाक्यों का संशोधन 5-उपसर्ग-प्रत्यय	10
	वसंत	1- पाठ-लाख की चूड़ियाँ 2-पाठ-बस की यात्रा 3- पाठ-दीवानों की हस्ती 4-पाठ- भगवान के डाकिए 5-पाठ क्या निराश हुआ जाए	20

		6-पाठ-यह सबसे कठिन समय नहीं 7-पाठ-कबीर की साखियाँ	
	रचनात्मक लेखन	1- अनुच्छेद लेखन 2- पत्र लेखन ( औपचारिक , अनौपचारिक) 3-विज्ञापन लेखन 4- संवाद लेखन 5-चित्र वर्णन	20
कुल अंक			60

## SYLLABUS (2024-2025)

CLASS: VIII

SUBJECT: ENGLISH

**TEXTBOOKS:**

1. New Images: Class Book
2. New Images: Enrichment Reader
3. Cornerstone

**HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024 )**

MONTHS	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHT AGE
<b>APRIL 2024 to AUGUST 2024</b>	<b>Reading Comprehension</b>	1. Discursive passage 2. Case based Factual passage	16 Marks
	<b>Grammar &amp; Writing Skills</b>	<u>Writing Skill:</u> 1. Diary Entry 2. Message Writing 3. Formal Letter (Editor)  <u>Grammar:</u> Integrated Grammar (Nouns, Adjectives, Pronouns, Voice Change, Tenses, Determiners, Editing, Gap Filling)	20 Marks
	<b>Literature (Class Book)</b>	1. The Commentator 2. The Tea Kettle 3. One Stranded Bus and a Pond 4. A Nation's Strength 5. The Nightingale and the Glow-worm 6. The Three Questions 7. A Robot in the House 8. The Eyes Have It 9. The Open Window	24 Marks
	<b>Enrichment Reader</b>	1. The Guests	

<b>TOTAL MARKS</b>			60
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**NOTE: Following chapters will be assessed for internal assessment (subject enrichment and multiple assessment):**

1. Communication
2. If
3. A Short Monsoon Diary

**(Supplementary Readers selected by school may be evaluated for Internal Assessment.)**

**BAL BHARATI PUBLIC SCHOOL  
SYLLABUS (2024-2025)**

**CLASS – VIII**

**SUBJECT : SOCIAL SCIENCE**

**TEXTBOOKS**(As per the textbooks available on NCERT website)

1. OUR PASTS-111 (NCERT TEXTBOOK IN HISTORY)
2. RESOURCE AND DEVELOPMENT (NCERT TEXTBOOK IN GEOGRAPHY)
3. SOCIAL AND POLITICAL LIFE-111 (NCERT TEXTBOOK IN CIVICS)

**HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)**

MONTHS	UNIT/CHAPTER/ TOPIC	SUBTOPICS	LEARNING OUTCOME	WEIGHTAGE  34%
<b>APRIL 2024 TO AUGUST 2024</b>	<b>HISTORY</b>  <b>How,When and Where</b>	-How important are the dates,which dates -How do we periodise -What is colonial -How do we know-Administration produces records,surveys become important,what official records do not tell	Familiarise students with the importance of chronological order in the study of historical events.	
	<b>From Trade to Territory</b>	-East India Company comes east-East India Company begins trade in Bengal,How trade led to battles -The battle of Plassey -Company officials become “nabobs” -Company Rule Expands -Tipu Sultan – The “Tiger of Mysore” -War with the Marathas -The claim to paramountcy -The Doctrine of Lapse -Setting up a New Administration -The Company army -Conclusion  <b>MAP WORK:</b> <b>Page 20-Fig. 14 a,14 b and 14 c</b>	To learn about the outstanding personalities remembered for their contribution	
	<b>Ruling the countryside</b>	-The Company Becomes the Diwan -Revenue for the Company -The need to improve agriculture -The problem -A new system is devised -The Munro system -All was not well -Crops for Europe	To understand that British Raj established their strong hold on Indian land through the system of zamindars who exploited the poor peasants.	

		<ul style="list-style-type: none"> <li>-Does colour have a history?</li> <li>-Why the demand for Indian indigo?</li> <li>-Britain turns to India</li> <li>-How was indigo cultivated?</li> <li>-The problem with nij cultivation</li> <li>-Indigo on the land of ryots</li> <li>-The “Blue Rebellion” and After</li> </ul>		
	<b>Tribals, Dikus and the Vision of a Golden Age</b>	<ul style="list-style-type: none"> <li>-How did Tribal Groups Live?</li> <li>-Some were jhum cultivators</li> <li>-Some were hunters and gatherers</li> <li>-Some herded animals</li> <li>-Some took to settled cultivation</li> <li>-How did Colonial Rule Affect Tribal Lives?</li> <li>-What happened to tribal chiefs?</li> <li>-What happened to the shifting cultivators?</li> <li>-Forest laws and their impact</li> <li>-The problem with trade</li> <li>-The search for work</li> <li>-A Closer Look-Birsa Munda</li> </ul> <p><b>MAP</b> <b>WORK:</b> <b>Fig. 3 (Page 41) – Location of some tribal groups in India</b></p>	To throw light into the various tribal movements and uprisings brought on by the exploitations of the British rule.	
<b>TOTAL MARKS</b>				

<b>MONTHS</b>	<b>UNIT/CHAPTER/ TOPIC</b>	<b>SUBTOPICS</b>	<b>LEARNING OUTCOME</b>	<b>WEIGHTAGE</b> <b>33%</b>
<b>APRIL 2024 TO AUGUST 2024</b>	<b>SOCIAL AND POLITICAL LIFE</b>  <b>The Indian Constitution</b>	<ul style="list-style-type: none"> <li>-Why does a country need a Constitution?</li> <li>-The Indian Constitution : Key features-Federalism</li> <li>Parliamentary Form of Government</li> <li>Separation of Powers</li> <li>Fundamental Rights</li> <li>Secularism</li> </ul>	To give an insight into some aspects of the Constitution.	



	<b>Understanding Secularism</b>	<ul style="list-style-type: none"> <li>-What is Secularism?</li> <li>-Why is it Important to Separate Religion from the State?</li> <li>-What is Indian Secularism?</li> </ul>	To provide knowledge on one of the most crucial pillar to support democracy.	
	<b>Parliament and the Making of Laws</b>	<ul style="list-style-type: none"> <li>-Why should people decide</li> <li>-People and their Representatives</li> <li>-The role of the Parliament</li> <li>-How Do New Laws Come About?</li> <li>-Unpopular and Controversial Laws</li> </ul>	To provide the required knowledge on Parliament and how it is considered the single most crucial pillar to support democracy	
	<b>Judiciary</b>	<ul style="list-style-type: none"> <li>-What is the role of the Judiciary.</li> <li>-What is an Independent judiciary?</li> <li>- What is the Structure of courts in India</li> <li>-What are the different branches of the legal system</li> </ul>	To understand about the body of government responsible for making and upholding laws for smooth and unbiased functioning of the democratic system	
<b>TOTAL MARKS</b>				

<b>MONTHS</b>	<b>UNIT/CHAPTER /TOPIC</b>	<b>SUBTOPICS</b>	<b>LEARNING OUTCOME</b>	<b>WEIGHTAGE</b>
<b>APRIL 2024 TO AUGUST 2024</b>	<b>GEOGRAPHY Resources</b>	<ul style="list-style-type: none"> <li>- Resources-Meaning</li> <li>-Types of resources</li> <li>-Human Made Resources</li> <li>-Human Resources</li> <li>-Conserving Resources</li> </ul>	Make a pictographic poster on the different types of resources.	<b>33%</b>
	<b>Land,soil, water, natural vegetation and wildlife resources</b>	<ul style="list-style-type: none"> <li>-Land,Land use</li> <li>-Conservation of Land resource</li> <li>-Soil</li> <li>-Landslides</li> <li>-Factors of soil formation</li> <li>-Degradation of soil and conservation measures</li> <li>-Water</li> </ul>	To offer an elaborate view of natural resources	

		<ul style="list-style-type: none"> <li>-Problems of water availability and conservation</li> <li>-Natural vegetation and Wildlife</li> <li>-Distribution of natural vegetation</li> <li>-Conservation of natural vegetation and wildlife</li> </ul> <p style="text-align: center;"><b>DIAGRAM: (Page11)</b> <b>Fig. 2.3: Soil Profile</b> <b>Fig. 2.4: Factors affecting soil formation</b></p>		
	<b>Agriculture</b>	<ul style="list-style-type: none"> <li>-Farm system</li> <li>-Types of farming</li> <li>-Major crops</li> <li>-Agricultural development.a farm in India and USA.</li> </ul> <p style="text-align: center;"><b>MAP WORK:(Page 23)</b> <b>Fig. 3.1: World Distribution of Arable Land</b></p>	Students will be able to appreciate the importance of food in the world,understand and analyze the relationship between inputs and outputs in the agricultural fields and make effective decisions.	
<b>TOTAL MARKS</b>	<b>60 MARKS</b>			