

N. K. BAGRODIA PUBLIC SCHOOL, DWARKA

CLASS VIII

SESSION: 2024-25

ENGLISH

Prescribed Books

- 1. Communicate with Cambridge – Course Book (Cambridge)**
- 2. Communicate with Cambridge – Literature Reader (Cambridge)**

FIRST PERIODIC

Course Book

- Unit-1 Chapter - Three Questions
- Poem - Nature-the Gentlest Mother Is

Literature Reader

- Chapter 5 - A Letter to Adolf Hitler

Writing Skills

- Diary Entry

Grammar

- Conjunctions
- Integrated Grammar (Editing and Reordering)
- Comprehension Passage

MID TERM

Course Book

- Unit-2 Chapter - One Man, One Movement
- Poem - The Recycling Rap

Literature Reader

- Chapter 10- Our Old Home
- Poem - O Captain! My Captain!

Writing Skills

- Formal Letter Writing - Leave Application
- Story Writing

Grammar

- Tenses
- Transformation of Sentences (Simple, Complex, Compound)
- Active and Passive Voice
- Integrated Grammar (Editing and Reordering)
- Comprehension Passage

Few lessons will be taken for Activities.

SECOND PERIODIC

Course Book

- Unit- 3 Chapter- A Hero
- Poem - Home They Brought Her Warrior Dead

Literature Reader

- Chapter 12 - Julius Caesar

Writing Skills

- Report Writing

Grammar

- Modals
- Gap Filling
- Integrated Grammar (Editing and Reordering)
- Comprehension Passage

SYLLABUS TO BE COVERED IN DECEMBER AND JANUARY

Course Book

- Unit 6 - Chapter - The Diary of a Young Girl
- Unit 7 - Chapter - The Choice is Yours

Literature Reader

- Poem - Where the Mind Is Without Fear

Writing Skills

- Formal Letter Writing - Letter to Editor & Complaint Letter

Grammar

- Reported Speech
- Gap Filling
- Integrated Grammar (Editing and Reordering)
- Comprehension Passage

Few lessons will be taken for Activities.

ANNUAL EXAMINATION

Full syllabus

MATHEMATICS

Prescribed Book - Mathematics Book by NCERT

FIRST PERIODIC

Chapter 1	:	Rational Numbers
Chapter 5	:	Squares and square roots
Chapter 6	:	Cubes and cube roots

MID TERM

Chapter 2	:	Linear equations in one variable
Chapter 3	:	Understanding Quadrilateral
Chapter 4	:	Data Handling
Chapter 11	:	Direct and Inverse proportion

Revision for Half Yearly

SECOND PERIODIC

Chapter 8	:	Algebraic Expressions
Chapter 7	:	Comparing Quantities
Chapter 9	:	Mensuration
Chapter 13	:	Introduction to graphs

SYLLABUS TO BE COVERED IN DECEMBER & JANUARY

Chapter 10	:	Exponent and powers
Chapter 12	:	Factorization

February : Revision

ANNUAL EXAMINATION

Full Syllabus

SCIENCE

Prescribed Book – Science TEXTBOOK FOR CLASS VIII (NCERT)

FIRST PERIODIC

Chapter 1 : Crop production and management

MID TERM

Chapter 7 : Conservation of plants and animals

Chapter 12 : Friction

Chapter 11 : Force and Pressure

Chapter 2 : Microorganisms: Friend and Foe

Chapter 5 : Coal and petroleum

Chapter 6 : Combustion and flame

1: Crop production and management are also a part of Term I assessment

SECOND PERIODIC

Chapter 9 : Reproduction in animals

ANNUAL EXAMINATION

Chapter 10 : Reaching the age of adolescence

Chapter 13 : Sound

Chapter 14 : Chemical Effects of electric current

Chapter 15 : Some natural phenomena

Chapter 16 : Light

Full syllabus will be there in Annual Examination

SOCIAL SCIENCE

Prescribed Books

Geography	: Resources and Development – Textbook in Geography for Class VIII by NCERT
History	: Our Pasts-III
Civics	: Social and Political Life-III

FIRST PERIODIC

Geography	:	Chapter-1 Resources
History	:	*Chapter-1 How, When and Where*
Civics	:	Chapter-1 The Indian Constitution *Chapter-2 Understanding Secularism
Geography	:	Chapter-2 Land, Soil, Water and Natural Vegetation and Wildlife Resources

MID TERM

History	:	Chapter-2 From Trade to Territory
History	:	Chapter-3 Ruling the Countryside
History	:	Chapter-4 Tribals Dikus and vision of Golden Age
Civics	:	Chapter-3 Parliament and the making of Laws
Geography	:	Chapter-3 Agriculture

Second Periodic

Geography	:	Chapter 4 Industries
Civics	:	Chapter 4 Judiciary
History	:	Chapter- 5 When people rebel 1857 or after.

Annual Term

History	:	Chapter 6 Civilizing the native and educating the nation.
Civics	:	Chapter-4 Judiciary

History	:	Chapter- 7 Women, Caste and Reform
Civics	:	Chapter- 5 Understanding Marginalisation

Geography : *Chapter- 6 Confronting Marginalisation.
: Chapter-7 Public Facilities
: *Chapter -8 Law and Social Justice
: Chapter- 5 Human Resources

History : Chapter – 8 The Making of National
Movement: 1870-1947

***Chapters are for activities.**

Any changes will be further intimated.

हिंदी

प्रथम इकाई

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|-----------------------|-----------------------|---------------------------|
| वसंत - | ● पाठ लाख की चूड़ियाँ | ● पाठ दीवानों की हस्ती |
| प्रेमचंद की कहानियाँ- | ● मंत्र | |
| व्याकरण- | ● स्वर संधि | ● श्रुतिसमभिन्नार्थक शब्द |
| | ● उपसर्ग-प्रत्यय | ● अपठितगद्यांश |

अर्धवार्षिक परीक्षा

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|-----------------------|---------------------|--------------------|
| वसंत - | ● पाठ- बस की यात्रा | ● पाठ- सूर के पद |
| | ● पाठ- बाज और साँप | |
| प्रेमचंद की कहानियाँ- | ● बड़े घर की बेटी | ● सौभाग्य के कोड़े |
| व्याकरण- | ● विराम चिह्न | ● शुद्ध-अशुद्ध |
| | ● अव्यय | ● पर्यायवाची |
| रचनात्मक - | ● पत्र | ● सूचना |
| | | ● नारा |
- (विशेष- अप्रैल से सितंबर तक का समस्त पाठ्यक्रम अर्धवार्षिक परीक्षा में सम्मिलित होगा।)

द्वितीय इकाई

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|-----------------------|----------------------|--------------------|
| वसंत- | ● पाठ- जहाँ पहिया है | ● पाठ- सुदामा चरित |
| प्रेमचंद की कहानियाँ- | ● नशा | |
| व्याकरण- | ● मुहावरे | ● पद परिचय |
| रचनात्मक - | ● संवाद लेखन | |

वार्षिक परीक्षा

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|-----------------------|--------------------------|--------------|
| वसंत- | ● पाठ-क्या निराश हुआ जाए | ● पाठ-कबीर |
| | ● पाठ-अकबरी लोटा | |
| प्रेमचंद की कहानियाँ- | ● पूस की रात | ● बूढ़ी काकी |
| रचनात्मक | ● अनुच्छेद लेखन | |
- (विशेष - अप्रैल से फरवरी तक का समस्त पाठ्यक्रम वार्षिक परीक्षा में सम्मिलित होगा।)

नोट- सी.बी.एस.ई. पाठ्यक्रम की नई शिक्षा नीति के अनुसार अगर कोई बदलाव किया जाता है तो वह समयानुसार छात्रों को सूचित किया जाएगा।

संस्कृत

FIRST PERIODIC

- रुचिरा भाग-3
- पाठ - 1 से 3
- कारक, विभक्ति, चिह्न
- सर्वनाम तालिका
- शब्दरूप - बालक, बालिका, किम्,
- धातुरूप - पठ्, हस्, गम् (लट्लकार, लृट्लकार, लङ्ग लकार)
- संख्या - 1 से 20
- अव्यय - तूष्णीम् , इतस्ततः , अद्य , श्वः , हयः, च, अपि, कुत्र

MID TERM

- पाठ - 4 से 8
- शब्दरूप - फल, भानु, मुनि, किम् व तत् (तीनो लिङ्ग)
- धातुरूप -गम्, पठ्, भू, लिख् (लट्, लृट्, लङ् ,लोट्लकार)
- संख्या - 1 से 50
- प्रत्यय - क्त्वा, तुमुन्, ल्यप्
- संधि - दीर्घ, गुण
- उपपद विभक्ति (द्वितीया से चतुर्थी)
- अव्यय - पृष्ठतः ,पुरतः,उपरि, अधः, कदा, सर्वत्र, सर्वदा
- अपठित गद्यांश
- पत्र लेखन, संवाद, चित्रवर्णन

SECOND PERIODIC

- रुचिरा पाठ - 9 से 10
- शब्दरूप - राम, लता, नदी, अस्मद्, किम्
- धातुरूप - भू, दृश्, गम् (पांच लकार)
- उपपद विभक्ति (द्वितीया से चतुर्थी)
- प्रत्यय - क्त्वा, तुमुन्, ल्यप्
- संधि - दीर्घ, गुण, वृद्धि
- संख्या - 51 से 80
- अव्यय (पुनरावृत्ति)

ANNUAL EXAM

- पाठ - 11 - 15
- शब्दरूप - पितृ, युष्मद्, मति, किम्
- धातुरूप - भू, स्था, गम्, पच्, (लट्, लृट्, लङ्, लोट् लकार, विधिलिङ्)
- उपपद विभक्ति - पञ्चमी से सप्तमी
- संख्या - 81 - 100
- प्रत्यय - पुनरावृत्ति
- संधि(पुनरावृत्ति)
- अव्यय-पुनरावृत्ति
- अपठित गद्यांश
- पत्र लेखन, संवाद, चित्रवर्णन

FRENCH

First Periodic

Leçon 0. Que Savez-vous de la France?

Leçon 1. Une boum

Term 1

Leçon 1. Une boum

Leçon 2. Jeanne d'Arc

Leçon 3. La vie de Mannequin est-elle facile?

Leçon 4. On voyage

Second Periodic

Leçon 5. Bon voyage

Term II

Leçon 0. . Que Savez-vous de la france?

Leçon 5. Bon voyage

Leçon 6. Des nouvelles de lyon

All grammar done in grade 8

Annual Examination

Leçon 1- Une boum

Leçon 2- Jeanne d'Arc

Leçon 3- La vie d'un mannequin, est-elle facile ?

Leçon 4- On voyage

Leçon 5- Bon voyage !

Leçon 6- Des nouvelles de Lyon

COMPUTER

MID TERM

L-1 Computer Networking

- Computer Network
- Need for Computer Network
- Advantages of Computer Network
- Components of a Network
- Network Terminologies
- Devices Required For a network
- Types Of Network
- Topology
- Network architecture
- Wireless Networking Technology
- Protocol

L-2 Krita- Image Editing

- Starting Krita
- Components of Krita
- Creating a New file
- Opening an Image for Editing
- Understanding Krita tools
- Tools to edit an Image
- Saving an Image

L-3 Trending Technologies

- Artificial Intelligence
- Robotics
- Machine Learning
- Data Science
- Internet of Things(IoT)

- Edge Computing Augmented Reality and Virtual Reality
- 3D Printing

L-4 Images, Links & Frames in HTML5

- Inserting Images
- Linking Web Pages
- Adding audio & Video
- Frames

L-5 Forms in HTML5

- What is a Form In HTML5?
- The <Form> Tag
- The <Input> Tag
- The <Select> Tag
- The <Textarea> Tag

L-6 Algorithmic Intelligence

- Multiple Conditions in a Program
- Loops in a Program

ANNUAL TERM

L-7 Loops in Python

- The For statement
- The While Statement
- Infinite Loop
- Jump statements
- Some More Programs

L-8 Functions and String in Python

- Functions
- String
- Some More Programs

L-9 List in Python

- Creating a List
- Changing the List Element
- Traversing a List
- Slicing the List
- List methods
- Adding an Element to a List
- Python Functions
- Operations on a List

L-10 Domains of AI

- Natural Language processing
- Big data
- Computer Vision

L-11 Future of AI

- Automated Transportation
- Safety and security
- Traffic management
- Smart Homes and Cities
- Smart Highway
- Health Care Industries
- AI in Education
- AI in Finance
- AI in Military and Cyber Security

ART

TERM I

- ❖ Still Life
- ❖ Nature Study – Flowers, Trees, Leaves
- ❖ Animal Study
- ❖ Landscape
- ❖ Morning Walk
- ❖ Rangoli Design
- ❖ Cobbler
- ❖ Monochrome Art
- ❖ Caricature
- ❖ Bird Study

TERM II

- ❖ Portrait
- ❖ Folk Art
- ❖ Cartoon Characters
- ❖ Calligraphy
- ❖ Village Scene
- ❖ Human Anatomy (Body parts)
- ❖ Sketching
- ❖ Ice-cream Seller
- ❖ Logo Designing
- ❖ Positive and Negative Space

WORK EXPERIENCE

- ❖ Fabric Painting
- ❖ Flower Basket
- ❖ Crazy Bird House
- ❖ Lily Pad
- ❖ Madhubani Art
- ❖ Mehendi Design
- ❖ Poster Design
- ❖ 3 D-Art
- ❖ Collage (Magazine Papers)
- ❖ Mosaic Art

MUSIC

April-May	Patriotic song for zonal competition Bring casio in last two weeks.
July	Zonal Competition Practice (Quwali /folk song) Tabla and its different aspects of playing Taal like teental, kehrwa, dadra and deepchandi Bring casio in last two weeks.
August	Zonal Competition Practice(patriotic song) Bring casio in last two weeks.
September	Taal and its types(teentaal, ektaal, dadra) School Song (अनुशासन, श्रम, आत्मबल....) Bring casio in last two weeks.
October	Hindi song(Vaishnavojanto) Congo practice in last two week.
November	Congo /harmonium practices for humhonge kamyab Prayer (तुम्ही हो माता, पिता तुम्ही हो....) Bring casio in last two weeks.
December	Carol Song (Silent night) Playing Techniques of different percussion instruments with song Like table, cajon, drums, darbuka etc Bring casio in last two weeks.
January	Beat practices with keyboard हिंद देश के निवासी..... Bring casio in last two weeks.
February	हे शारदे माँ..... Bring casio in last two weeks.
March	All songs & congo practice (Students will bring their instruments)

DANCE

April	Folk Dance
May	Aerobics
Jul	Preparation of Zonal Competition
Aug	Preparation of Zonal Competition
Sep	Western Dance
Oct	Festive Dance + Dance Theory
Nov	Semi Classical + Dance Theory
Dec	Folk Dance & Patriotic Dance
Jan	Revision
Feb	Assessment

HEALTH AND PHYSICAL EDUCATION (HPE)

<u>April</u>	<p>Athletics –, General rules and Regulations</p> <p>Track Events - Starts (1) Crouch start-Bunch, Medium and Elongated,(3) Standing Start.</p> <p>Track Events-Races Sprints-,100mtrs,200mtrs,Relay 4*100 mtrs, 400mtrs.</p>
<u>May</u>	<p>Throwing Events (1) Shot put ,(2) Discuss Throw</p> <p>important Tournament (National/International).</p>
<u>July</u>	<p>Field Events (Jumps) (1) Long Jump (2) High Jump</p> <p>Conditioning work, Important Sports Personalities and Awards.</p>
<u>August</u>	<p>Throw ball:- General rules and Regulations ,Dimensions of court and Equipment.</p> <p>Warming up and limbering down exercise.</p> <p>Fundamentals skill – Stance position in step wise method.</p>
<u>September</u>	<p>Basic and Fundamentals skills of Throw Ball</p> <p>(1)Service (2) Gripping</p>
<u>October</u>	<p>Basic and Fundamentals skills of Throw Ball</p> <p>(1)Throwing (2) Catching</p>
<u>November</u>	<p>Rotation in Throw Ball</p> <p>Practice matches followed by all rules and regulation.</p>
<u>December</u>	<p>Basket Ball Introduction of the game, Rules and Regulations, Conditioning work.</p> <p>Important sports personalities and sports awards of game</p> <p>Basic and Fundamentals skills of Basket Ball</p> <p>Dribbling-High dribbling, Low dribbling.</p>
<u>January</u>	<p>Basic and Fundamentals skills of Basket Ball</p> <p>(1) Passes-Chest pass, Overhead pass and bounce pass</p>
<u>February and March</u>	<p>Basic and Fundamentals skills of Basket Ball.</p> <p>(1) Offensive and Defensive skills</p> <p>(2) Layup Shot (3) Free Shot</p>

YOGA

<u>April</u>	:	(1) Rajakapotasana	(2) Vatyanasana
		(3) Kukkutasana	(4) Paschimottanasana
<u>May</u>	:	(1) Laguvajrasana	(2) Marichyasana
		(3) Hanumanasana	(4) Buddhasana
<u>July</u>	:	(1) Virabhadrasana	(2) Trikonasana
		(3) Bakasana	(4) Karnapidasana
<u>August</u>	:	(1) Padamastasana	(2) Gomukhasana
		(3) Halasana	(4) Danurasana
<u>September</u>	:	(1) Baddha Padamasana	(2) Bhujangasana
		(3) Janusirasana	(4) Navasana
<u>October</u>	:	(1) Kurmasana	(2) Purne Salabhasana
		(3) Makrasana	(4) Nairajasana
<u>November</u>	:	(1) Parshva Dhanurasana	(2) Tittibhasana
		(3) Vrksasana	(4) Chakrasana
<u>December</u>	:	(1) Padahastrasana	(2) Mathsasana
		(3) Balasana	(4) Vajrasana
<u>January</u>	:	(1) Tadasana	(2) Ustrasana
		(3) Sarvangasana	(4) Triangmukhattasana
<u>February</u>	:	(1) Laguvajrasana	(2) Urdhav Dhanurasana
		(3) Garbhasana	(4) Garudasana