



**DELHI PUBLIC SCHOOL**  
**@ SECTOR-98**

**SYLLABUS 2022–23**  
**UNIT - I**

**CLASS - VIII**

## ENGLISH

Prescribed Text Books—

- Course Book - 8 - Oxford Revised New Pathways (Oxford School Education)
- Literature Reader - 8 - Oxford Revised New Pathways (Oxford School Education)
- Grammar - Grammar Connect 8

**Course Book :** Unit-2 Nurturing Nature. • A Day in the country • Elephants raid the kitchen, • I think I could turn & live with animals.

**Literature Reader (Supplementary) :** The Stalled Ox

**Grammar :** Determiners, Verbs and Tenses, Reported Speech, Sentence Reordering.

**Writing Skills :** Notice, Informal letter.

**Portfolio :** Impact of Industrial Revolution on Language and Literature

**Weekly Test 09.05.2022**

**Weekly Test Syllabus :**

**Comprehension -** Unseen passage, poem

**Course Book :** Unit-2 Nurturing Nature - Elephants raid the kitchen

**Grammar :** Determiners, Reported Speech, Sentence Reordering.

**Writing Skills :** Letter writing.

## हिन्दी

निर्धारित पुस्तकें -

- वसंत-3 : राष्ट्रीय शैक्षिक अनुसंधान एवं प्रशिक्षण परिषद्
- अनोखा उपहार : सी. वी. टू. कमला चमोला
- व्याकरण : व्याकरण पुष्प भाग-3।

**वसंत :** भगवान के डाकिए (कविता), लाख की चूड़ियाँ (कहानी), बाज और साँप (कहानी)

**अनोखा उपहार :** अध्याय 1-5 तक।

**व्याकरण :** भाषा, बोली, साहित्य, साहित्यिक विधाएँ, संधि (दीर्घ, गुण), पद-परिचय - संज्ञा, मुहावरे (1-15), पर्यायवाची (1-15), अपठित गद्यांश।

**अनुच्छेद लेखन:** आत्मकथात्मक, समस्या प्रधान

**पत्र लेखन :** अनौपचारिक पत्र।

**साप्ताहिक परीक्षा 17.05.2022**

**साप्ताहिक परीक्षा पाठ्यक्रम -**

**वसंत :** भगवान के डाकिए, लाख की चूड़ियाँ

**व्याकरण :** भाषा, बोली, साहित्य, साहित्यिक विधाएँ, पद-परिचय - संज्ञा, पर्यायवाची (1-15), अपठित गद्यांश एवं पत्र।

**मौखिक परीक्षा -** अनोखा उपहार (1-5) पठन पाठन

**पोर्टफोलियो कार्य -** खड़ी बोली हिंदी का उद्भव और विकास

**कला एकीकरण -** "भगवान के डाकिए" का नृत्य प्रस्तुतिकरण।

## MATHS

Prescribed Text Books— **Learning Mathematics by M.L. Aggarwal**

1. **Rational numbers :** Addition, Subtraction, Multiplication & Division of Rational Numbers. Closure, Commutative, Associative and Distributive property of Rational Numbers. Number line. To Find rational numbers between two rational numbers.
2. **Exponents and Powers :** Laws of exponents & scientific notation.
3. **Squares and square roots :** Properties, Pythagorean Triplet, To find square root by prime factorization & long division method.
4. **Cube and Cube roots :** Properties, To find cube roots by prime factorization method.
5. **Playing with numbers :** Writing 2 and 3 digit numbers in Generalized form, Divisibility Tests

**Weekly Test 04.07.2022**

**Syllabus :** Rational numbers, Squares and squares roots

**Portfolio Work :** Inventions between AD 1750 - till date

**Art Integration :** Rational Numbers

## PHYSICS

Prescribed Text Book—

Science — A Text book for class VIII : N.C.E.R.T.

### Chapter 11 : Force and Pressure.

#### Lab Activity :

To study variation of pressure exerted by water, with depth & direction.

**Weekly Test 02.05.2022**

**Weekly Test Syllabus : Chapter - 11 (till article 11.7)**

**Portfolio Work :** Technology developments in Science from 1750 AD till date.

## CHEMISTRY

Prescribed Text Books— Science—A Text book—N.C.E.R.T.

**Atomic structure** — Structure of atom, Atomic Number and Mass Number, Calculation of Electrons, Protons & Neutrons, Electronic configuration (1-18 Atomic Number), Valency, Ions, Chemical formula, Chemical Equations, Formation of Ionic Compounds, Bohr's Model of atom, Isotopes & Isobars.

### L-4 (NCERT) Materials — Metals and Non-metals

#### Activity :

To differentiate between metals and non metals on the basis of their properties.

**Weekly Test 03.05.2021**

**Weekly Test Syllabus : Atomic structure (Partly)**

## BIOLOGY

Prescribed Text Books— A Text book for Class VIII — N.C.E.R.T.

### Chapter : Cell Structure and Functions

- Levels of organization
- Discovery of cell
- Microscope
- Techniques used to observe cell
- Difference between unicellular and multicellular organisms
- Variation in cell shape & size
- Division of labour in unicellular and multicellular organisms
- Differences between plant and animal cell.
- Parts of cell – Cell membrane, Cell wall, Cytoplasm, Plastids, Mitochondria Endoplasmic Reticulum, Golgi Apparatus, Lysosome, Ribosome, Vacuole, Cell Inclusions and Nucleus.
- Differences between Prokaryotes and Eukaryotes.

### Chapter : Crop Production and Management (before irrigation)

- Agriculture, Types of crops
- Agricultural Practices – Preparation of soil, Sowing, Transplantation, Adding manure & fertilizers, Eutrophication, Ecofriendly ways of improving soil fertility, Improved agricultural practices.

**Lab Activity :** To study the structure and working of a compound microscope.

**Weekly Test 02.05.2022**

**Syllabus** - Cell Structure and Functions (partly).

**Art Integration Learning** - Create a rap that shows your understanding of how the individual organelles/parts function in a cell.

**Portfolio Work** - A new dimension: (1750 AD till date)- An era of scientific revolutions and technological advancements.

## HISTORY

Prescribed Text Book— N.C.E.R.T.

### Chapter –

- How, When and Where
- From Trade to Territory - The Company establishes power.

**Weekly Test 11.07.2022**

**Weekly Test Syllabus** : How, When and Where, From Trade to Territory

**Portfolio** : A New Dimension (AD 1750 - till date)

**Art Integration** : From Trade to Territory (Theatre)

## POLITICAL SCIENCE

Prescribed Text Book— N.C.E.R.T.

**Ch. 1 : The Indian Constitution (including box on Fundamental Rights in the Indian Constitution).**

**Weekly Test 11.07.2022**

**Weekly Test Syllabus** : The Indian Constitution

## GEOGRAPHY

Prescribed Text Book—

*Resources and Development - NCERT*

**Chap. 1** : Resources

**Chap. 2** : Land, Soil, Water, Natural Vegetation and Wildlife Resources (till topic Water)

**Map work** : Political map of the world

**Weekly Test 11.07.2022**

**Syllabus** : **Chap. 1** – Resources

**Chap. 2** : Land, Soil, Water, Natural Vegetation and Wildlife Resources (till topic Soil)

**Map work** : Political map of the world

## संस्कृत

निर्धारित पुस्तकें—

रुचिरा : तृतीयः भागः

व्याकरण : एडिशनल प्रैक्टिस संस्कृत रुचिरा – भाग 3

पाठ 1, 2 – सुभाषितानि, बिलस्य वाणी न कदापि मे श्रुता

व्याकरण – चित्र, अपठित अनुच्छेद, वाक्य संशोधन, संस्कृत अनुवाद।

धातुरूप – कृ, दृश् (लट्, लृट्, लङ्)

शब्दरूप – बालक, रमा।

उपपद विभक्ति— अभितः उभयतः, परितः, सह, विना, नमः, स्वाहा

प्रत्यय – तुमुन्

सन्धि – दीर्घ

**साप्ताहिक परीक्षा – 25.04.2022**

पाठ 2 – बिलस्य वाणी न कदापि मे श्रुता

व्याकरण – चित्र, अपठित अनुच्छेद, वाक्य संशोधन, संस्कृत अनुवाद।

सन्धि – दीर्घ

- प्रत्यय – तुमुन्  
उपपद विभक्ति– उभयतः, परितः, सह, विना, नमः, स्वाहा,  
धातु रूप – कृ  
शब्द रूप – बालक, रमा  
मौखिक परीक्षा – सुभाषितानि पाठ से 2 श्लोकों का वाचनम्  
पोर्टफोलियो कार्यम्

## FRENCH

Prescribed Text Books— **Idées - Méthode de français 3**  
**Idées - Cahier d'exercices 3**

Leçon 1 - Préparons un gâteau au chocolat

Leçon 2 - La crémaillère

- Les verbes réguliers et irréguliers
- L'impératif
- les adverbes de quantifié
- L'adjectif <<tout>>
- Les expressions avec <<avoir>>
- Les spécialités françaises
- Les conjonctions

**Weekly Test : 25.04.2022**

**Weekly Test Syllabus :** Leçon 1, 2, Compréhension

**Portfolio :** Recueillir des informations Sur lex Opéras français.

## GERMAN

**Text Book : Hallo (Module 5 and 6)**

- Stefan, wie geht's dir?
- Gesund leben
- Grammatik: Dativ  
Personal pronomen in Dat  
Imperativ  
Modalverben- sollen, dürfen  
weil

**Weekly Test : 25.04.2022**

**Weekly Test Syllabus :**

- Stefan, wie geht's dir?
- Grammatik: Dativ  
Imperativ  
Modalverben- sollen, dürfen, können, müssen, wollen  
weil

**Portfolio**

- Mal ein Alien . Markiere seine Körperteile. Danach mach eine Liste und trage dies ein. Vergleiche ihn mit sich.
- Mach eine Liste und klebb/ mal fünf gesunde bzw. ungesunde Gerichte aus Indien. Vergleiche dies dann mit Deutschland.

## TABLA

**Lesson-1** in Teentaal, 1 Damdar Tihai, 1 Bedam Tihai, 1 Farmaishi paran Chakrdar Jeevani – Anokhelal ji, Few Taals, Dhumali, Khemta. Jhumra, Neelkanth, Inter DPS Hindustani Classical National Orchestra Practice.

## COMPUTER SCIENCE

Prescribed Text Books — *Linux Based Cloud - 8*

### Network Concepts

- Introduction to Network
- Advantages of Networking
- Networking Components
- Types of Network
- Difference between LAN and WAN
- Network Security

### Introduction to HTML 5 and CSS

- Introducing HTML
- Tools to be used
- Creating an HTML Document
- Tags, Elements and Attributes
- Rules for Writing HTML Code
- HTML Document Structure
- Formatting Elements
- Cascading Style Sheets
- Methods of Applying CSS
- Background Properties
- Text Properties
- Font Properties

### LIFESKILLS

**Mehodology : Brain storming, Group discussions, Group Activity, Questionnaires**

### THINKING SKILLS

Self awareness and Decision Making

Working on student's thoughts, actions, habits and personality

### CLASSICAL MUSIC

1. पंजाबी लोकगीत
2. भक्ति गीत
3. मातृत्व दिवस गीत
4. देश भक्ति गीत
5. तीनताल में बद्ध अलंकार

### ART

- |   | <b>Page Nos.</b> |
|---|------------------|
| • Basic Element of Art<br>(line, colour, tone, division of space) | 5, 6, 7          |
| • Perspective   | 8                |
| • Texture & composition   | 8                |
| • Still life (Pen with ink)                                       | 28, 29           |
| • Still life (water or poster colour)                             | 35, 36           |
| • Landscape (composition)   | 90, 91           |

## PHYSICAL EDUCATION AND SPORTS

### **Basket Ball**

- Terminologies- Time out, substitution, team foul, personal foul.
- 1 Skill - Two men passing.
- National awardees.  
Yoga :- Vrikshasana

### **Benefit**

- It improves co ordination.
- It helps in mental stability.
- It is good for maintaining balance.

## DANCE

Baisakhi, Earthday

Theory : Origin of Dance-based on Natyashastra & Abhinaya Darpan

1. Enactment of shloka Yato Hasta...
2. Sangeet, Laya, Taal
3. Hastmudras : Sanyukta & Asanyukta
4. Abhinaya
5. Navras

## WESTERN MUSIC

- i. Vocal Training (Controlling, uses of Dynamics)
- ii. Different forms of singing style (Acapella, Harmony, solo)