

BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI – 110034**CLASS IX****SESSION 2022-23****SYLLABUS FOR ANNUALS**

SUBJECT	SYLLABUS
ENGLISH	<p>Beehive (Prose)</p> <ul style="list-style-type: none"> ● The Fun They Had ● The Sound of Music (part I and II) ● The Little Girl ● A Truly Beautiful Mind ● The Snake and The Mirror ● My Childhood ● Reach For The Top (Part I and II) ● If I Were You <p>(Poetry)</p> <ul style="list-style-type: none"> ● The Road Not Taken ● Wind ● Rain on The Roof ● A Legend of the Northland ● No Men are Foreign ● On Killing a Tree <p>Writing Skill</p> <ul style="list-style-type: none"> ● Diary entry ● Story Writing ● Descriptive Paragraph Writing (Person) <p>Integrated Grammar</p> <ul style="list-style-type: none"> ● Editing ● Omission ● Gap Filling ● Reported Speech <p>Moments (Supplementary Reader)</p> <ul style="list-style-type: none"> ● The Lost Child ● The Adventures of Toto ● Iswaran the Storyteller ● In the Kingdom of Fools ● The Happy Prince ● The Last Leaf ● A House Is not a Home
HINDI	<p>स्पर्श भाग -1</p> <ul style="list-style-type: none"> ● दुःख का अधिकार ● तम कब जाओगे अतिथि ● रहीम के दोहे ● शक्र तारे के समान ● वैज्ञानिक चेतना के वाहक चंद्रशेखर वैकेट रमण ● अग्निपथ ● नए इलाके में

	<ul style="list-style-type: none"> ● खुशबू रचते हैं हाथ <p>संचयन</p> <ul style="list-style-type: none"> ● स्मृति ● मेरा छोटा सा निजी पुस्तकालय ● कल्लू कुम्हार की उनोकोटी <p>व्याकरण</p> <ul style="list-style-type: none"> i - अनुस्वार , अनुनासिक ii - स्वर संधि iii - उपसर्ग iv - प्रत्यय v - शब्द और पद v i - विराम चिह्न vii -अर्थ के आधार पर वाक्य भेद <p>लेखन कौशल -</p> <ul style="list-style-type: none"> i - अपठित गदयांश ii - अनौपचारिक पत्र iii - अनुच्छेद लेखन iv - विज्ञापन v - संवाद लेखन vi- चित्र वर्णन
MATHS	<p>Chapter 1 - Number Systems (deleted : Ex 1.4 - Visualisation using successive magnification)</p> <p>Chapter 2 - Polynomials</p> <p>Chapter 3 - Coordinate Geometry</p> <p>Chapter 4 - Linear Equations in Two Variables (deleted:Ex 4.3 - Q 4 ,6 ,7, 8 and Ex 4.4 - Equation of line parallel to x axis and y axis)</p> <p>Chapter 7 - Triangles (Ex 7.4 is deleted)</p> <p>Chapter 8 - Quadrilaterals</p> <p>Chapter 10 -Circles</p> <p>Chapter 12 - Heron's formula (deleted : Ex12.2 - Application of Herons formula to find area of quadrilaterals)</p> <p>Chapter 13 -Surface area and volume(Ex 13.1 , 13.2 , 13.5 & 13.6 are deleted)</p> <p>Chapter 14 - Statistics (Exercise 14.4 deleted)</p>

SCIENCE**PHYSICS**

- **Motion**
- **Force and laws of motion**
- **Gravitation**
- **Work and Energy**

CHEMISTRY

- **Matter in our surroundings**
- **Is matter around us pure?**
- **Atoms and molecules**
- **Structure of atom**

BIOLOGY

- **THE FUNDAMENTAL UNIT OF LIFE**
- **TISSUES**
- **IMPROVEMENT IN FOOD RESOURCES (PAGE NO. 209. till storage of grains)**

SOCIAL SC.**GEOGRAPHY**

1. India- Size and Location
2. Physical Features of India
3. Drainage
4. Climate (Concept, Climatic Controls, Factors affecting climate of India {excluding jetstreams and western cyclonic disturbances}, the seasons, distribution of Rainfall, Monsoons as a Unifying bond)
5. Natural Vegetation and Wildlife (Types of Vegetation and Wildlife)

Map items to be done

Chapter -1: India-Size and Location

- India-States with Capitals, Tropic of Cancer, Standard Meridian (Location and Labelling)

Chapter -2: Physical Features of India

- Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats
- Mountain Peaks – K2, Kanchan Janga, Anai Mudi
- Plateau - Deccan Plateau, Chota Nagpur Plateau, Malwa Plateau
- Coastal Plains - Konkan, Malabar, Coromandal & Northern Circar (Location and Labelling)

Chapter -3: Drainage

- Rivers: (Identification only) o The Himalayan River Systems-The Indus, The Ganges, and The Satluj o The Peninsular Rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi

• Lakes: Wular, Pulicat, Sambhar, Chilika

Chapter - 4: Climate

- Areas receiving rainfall less than 20 cm and over 400 cm (Identification only)

Chapter - 5: Natural Vegetation and Wild Life

- Vegetation Type: Tropical Evergreen Forest, Tropical Deciduous Forest, Thorn Forest, Montane Forests and Mangrove- For identification only

- National Parks: Corbett, Kaziranga, Ranthambor, Shivpuri, Kanha, Simlipal & Manas

- Bird Sanctuaries: Bharatpur and Ranganthittu

- Wild Life Sanctuaries: Sariska, Mudumalai, Rajaji, Dachigam (Location and Labelling)

Economics

Chapter 1- The village of Palampur

Chapter 2 - People as a resource

Chapter 3 - Poverty

Chapter 4 - Food Security

HISTORY

CH 1- THE FRENCH REVOLUTION

MAP WORK

- Nantes
- Paris
- Marseilles
- Bordeaux

CH-2 -Socialism in Europe and the Russian Revolution

MAP WORK- WORLD WAR 1

- Central Powers- Germany, Austria- Hungary, Turkey
- Allied Powers- France, England, Russia, USA

Chapter 3 - Nazism and rise of Hitler

MAP WORK -WORLD WAR II

- Allied powers of the Second World War
- England,
- France
- USA
- USSR

Axis powers of the Second World War

- Germany
- Italy
- Japan

Areas under Nazi Expansion

- Poland
- France
- Austria
- Denmark
- Belgium
- Czechoslovakia
- Lithuania
- Slovakia

Chapter 4-Forest Society and Colonialism

MAP WORK

- 1. Madras presidency- 1. Where as early as 1830s, 35000 trees were cut
- 2. Pastoralist and nomadic communities like korava, karacha and yerukula lost their livelihood.
- Dehradun- Imperial Forest Research institute was set up in 1906
- Nomadic tribes
- Baigas in Central India
- Banjaras in Madhya Pradesh
- Santhals in assam
- Oraons in Jharkhand
- Gonds in Chhatisgarh
- E. Kanger for

POLITICAL SCIENCE

CH 1 What is Democracy? Why Democracy?

CH 2- Constitutional Design

Ch 3- Electoral Politics

Ch 4 - Working of Institutions

	Ch 5- Democratic Rights
GERMAN	<p>Section A - Lesen</p> <p>Lese texte</p> <p>section B- schreiben</p> <p>E mail</p> <p>Dialog</p> <p>Section C- Grammatik</p> <p>Feste präpositionen</p> <p>Wo+ präpositionen, da+ präpositionen</p> <p>Separable verbs</p> <p>Zu+ Infinitiv</p> <p>Konjunktiv II, würde+ Infinitiv</p> <p>Genetiv</p> <p>Umzu, während, bevor, damit, wenn</p> <p>Section D -Wortschatz</p> <p>Lektion 1 - Allein zu Hause</p> <p>Lektion2- wir kaufen nichts</p> <p>Lektion 3- Das würde ich nie tun.</p> <p>Lektion 4- Hamburg, wir kommen!</p>
FRENCH	<p>SECTION A</p> <ul style="list-style-type: none"> ● La compréhension <p>SECTION B</p> <ul style="list-style-type: none"> ● La lettre ● Two short compositions -: (La recette/ le message/ la carte postale) <p>SECTION C</p> <p>Grammaire</p> <ul style="list-style-type: none"> ● Demonstrative adjectives ● Verbes - présent, futur proche, futur simple, pronominal verbs, passé composé, impératif, imparfait ● L'interrogation ● La négation ● Les pronoms personnels ● Les pronoms relatifs simples <p>SECTION D</p> <ul style="list-style-type: none"> ● La culture et la civilisation <ol style="list-style-type: none"> 1. L. 1 – La famille 2. L. 2 – Au lycée 3. L. 3 – Une journée de Pauline 4. L. 4 – Les saisons 5. L. 5 – Les voyages 6. L. 6 - Les loisirs et les sports 7. L. 7 – L'argent de poche 8. L. 8 – Faire des achats

- अविवेकः परमापदां पदम्
- पाथेयम्
- विजयतां स्वदेशः
- विद्यया भान्ति सदगणाः
- कर्मणा याति संसिद्धिम्
- तत् त्वम् असि
- तरवे नमोऽस्तु
- न धर्मवृद्धेषु वयः समीक्ष्यते

व्याकरणम् - 25 अङ्क

- उच्चारणस्थानानि (2 अङ्क)
- सन्धिकार्यम्- (4 अङ्क)

1- स्वरसन्धिः

(दीर्घः, गुणः, वृद्धिः, यण्, अयादि)

2-व्यञ्जनसन्धिः

(वर्गीयप्रथमवर्णस्य तृतीयवर्णं परिवर्तनम्)

3- विसर्गसन्धिः

(उत्वम्, शत्वम्, षत्वम्, सत्वम्)

- कारक- उपपद विभक्तयः - (4 अङ्क)
 - द्वितीया - समया / निकषा, प्रति, विना, परितः, उभयतः
 - तृतीया - सह / समम् / सार्थम्, विना, अलम्, हीन
 - चतुर्थी - रुच्, दा (यच्छ), नमः, कुप्, अलम् (सामर्थ्ये)
 - पञ्चमी - विना, बहिः, भी
 - षष्ठी - उपरि, अधः, पुरतः, पृष्ठतः, वामतः, दक्षिणतः
 - सप्तमी - स्निह्, विश्वस्, निपुण, कुशल
- शब्दरूपाणि - (4 अङ्क)
 - पुलिङ्गशब्दाः - आकारान्तः - बालकवत्, इकारान्तः - कविवत्, उकारान्तः - साधुवत्
 - हलन्तः - भवत्
 - स्त्रीलिङ्गशब्दाः - आकारान्तः - लतावत्, ईकारान्तः - नदीवत्
 - नपुंसकलिङ्गशब्दाः - अकारान्तः - फलवत्
 - सर्वनामशब्दाः - अस्मद्, युष्मद्, तत्, किम् (त्रिषु लिङ्गेषु)
- धातुरूपाणि - (4 अङ्क)
 - परस्मैपदिनः - भू, नम्, गम्, अस्, कृ (पञ्चलकारेषु)
 - आत्मनेपदिनः - सेव, लभ्, रुच् (लट् लकार)
- प्रत्ययाः - क्त्वा, तुमुन्, ल्यप् (3 अङ्क)
- अव्ययानि - (2 अङ्क)
 - अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र, यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अद्य,
 - श्वः, ह्यः, किम्, कुत्र, कति, कदा, कुतः, कथम्, किमर्थम्, च, अपि, यदि, तर्हि, यथा, तथा, सम्यक्, एव
- संख्या - 1-10 (2 अङ्क)
- अपठितः गद्यांशः (10 अङ्क)
- पत्रपूर्तिः (5 अङ्क)
- संवादपूर्तिः (5 अङ्क)
- चित्रवणनम् (5 अङ्क)

COMPUTER APPLICATIONS	<p>Chapter 1 Computer Systems Chapter 2 Types of Hardware Chapter 5 Computer Networking Chapter 6 Cyber Safety</p> <p>Practicals:- OpenOfficeWriter (Word Processor) Presentation Tools(Impress)</p>
PAINTING	<p>CHAPTER I : <u>ELEMENTS OF ART</u></p> <p>CHAPTER III : <u>UNDERSTANDING AND APPROPRIATE USE OF TOOLS</u></p> <p>CHAPTER IV : <u>UNDERSTANDING AND APPROPRIATE USE OF PAINTING MATERIALS</u></p> <p>CHAPTER VI : <u>INDIAN PAINTING, SCULPTURE AND ARCHITECTURE</u></p> <ul style="list-style-type: none"> • WIZARD'S DANCE • SUN TEMPLE • YAKSHA - YAKSHI <p>INDIAN FOLK ART :</p> <ul style="list-style-type: none"> • ALPANA • RANGOLI • MANDANA
GK	<p>Mental Ability - 15 Marks Current Affairs- 15 Marks Subject Based- 10 Marks (2 questions from each subject) Opinion Based- 10 Marks (2 questions of 5 marks each)</p>
COMPUTER	<p>HTML-2</p> <ul style="list-style-type: none"> • IMAGES AND ITS ATTRIBUTES <ul style="list-style-type: none"> ○ ALIGN ○ ALT ○ WIDTH ○ HEIGHT ○ SRC • INTERNAL AND EXTERNAL LINKING <ul style="list-style-type: none"> ○ ATTRIBUTES:- HREF ○ NAME ○ MAILTO <p>Chapter-1 Introduction to Internet</p>

**ARTIFICIAL
INTELLIGENCE****Part A Employability Skills (15 marks)**

- **Unit 2 Self Management Skills**
- **Unit 3 ICT Skills**
- **Unit 4 Entrepreneurial Skills**

Part B Subject Specific Skills(20 + 15 =35 marks)

- **Unit-1 Introduction to AI** (20 marks)
- **Unit-2 AI Project cycle**
- **Unit -3 Neural Networks(Till working of Neural Networks)**

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- **Unit -4 Introduction to Python** (15 marks)
