

ARMY PUBLIC SCHOOL, NOIDA

ANNUAL CURRICULUM (Session : 2025 - 2026)

BALVATIKA-I

Subject	Syllabus
ENGLISH	<p>1. Play-way Acquaintance</p> <ul style="list-style-type: none">• Chhuk- Chhuk• Welcome <p>2. Number & Shapes</p> <ul style="list-style-type: none">• Standing Lines• Sleeping Lines• Slanting Lines• U-Curve and Inverted U-Curve• C-Curve and Inverted C-Curve• 1-2 Numbers• Know the Shapes• 3-5 Numbers• Think About It• 6-9 Numbers• 10 Numbers• Think About It• Tens and Ones• 11-12 Numbers• 13-15 Numbers• Think About It• 16-20 Numbers• Think About It <p>3. Rhymes</p> <ul style="list-style-type: none">• 1-10 Rhymes• 11-12 Rhymes for Numbers• Slanting Lines• U-Curve and Inverted U-Curve• C-Curve and Inverted C-Curve• 1-2 Numbers• Know the Shapes• 3-5 Numbers• Think About It• 6-9 Numbers• 10 Numbers• Think About It• Tens and Ones• 11-12 Numbers• 13-15 Numbers• Think About It• 16-20 Numbers• Think About It

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Subject	Syllabus
ENGLISH	<p>4. Stories</p> <ul style="list-style-type: none">• God's Love• Try Again• Eight Big Fingers• A House for All• Traffic Lights• Jack and Jill• Hop A little• After A Bath• Drops of Rain• Bits of Paper <p>5. Class Room Activities<u>Stories -</u></p> <ul style="list-style-type: none">• The Golden Egg• The Cap Seller and the Monkeys• The Lion and the Rabbit• The Dreamy Milkmaid <p>5. Steam Activities</p> <ul style="list-style-type: none">• The Golden Egg• The Cap Seller and the Monkeys• The Lion and the Rabbit• The Dreamy Milkmaid
HINDI	<p>1. स्वर : अ – अः</p> <p>2. व्यंजन : क - श्र</p> <p>3. कविताएँ :</p> <ul style="list-style-type: none">• प्रार्थना• आसमान के तारे• परी• कबूतर• मेरे भैया• पतंग• चंदा• शैतान चूहे• पेड़• बारिश की बूँदें• स्वच्छता• सड़क के नियम <p>4. कहानियाँ :</p> <ul style="list-style-type: none">• अंगूर खट्टे हैं• गुस्से का चेहरा• आलस का फल• स्वार्थी चिड़िया• पेड़ और लकड़हारा

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BALVATIKA-I

Subject	Syllabus
MATHEMATICS	<ol style="list-style-type: none">1. Numbers : 1 – 502. Before/ Between/ After3. Backward Counting4. Pre – number concepts :<ul style="list-style-type: none">• Big/Small, Biggest/Smallest• Tall/Short, Tallest/Shortest• Thick/Thin, Thickest/Thinnest• More/Less5. Shapes :<ul style="list-style-type: none">• Square• Rectangle• Circle• Triange
EVS	Topic 1 : Me & My Family Topic 2 : Body Parts Topic 3 : My School Topic 4 : My Belongings Topic 5 : My House Topic 6 : Actions and Yoga Topic 7 : Our Safety Topic 8 : Fruits and Vegetables Topic 9 : Hygiene Topic 10 : Seasons Topic 11 : Plants and Animals Topic 12 : Machines Around Us Topic 13 : Community Helpers Topic 14 : Places Around Us Topic 15 : Solar System Topic 16 : Means of Transport

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CLASS - BALVATIKA II

Subject	Syllabus
ENGLISH	<ol style="list-style-type: none">1. Upper case letters (A-Z)2. Lower case letters (a-z)3. Phonics (vowels – short and long vowel sound) 4. Rhymes –<ul style="list-style-type: none">• God's Love• Try Again• Eight Big Fingers• A House for All• Traffic Lights• Jack and Jill• Hop A little• After A Bath• Drops of Rain• Bits of Paper 5. Stories -<ul style="list-style-type: none">• The Golden Egg• The Cap Seller and the Monkeys• The Lion and the Rabbit• The Dreamy Milkmaid
HINDI	<ol style="list-style-type: none">1. स्वर : अ – अः2. व्यंजन : क - श्र 3. कविताएँ :<ul style="list-style-type: none">• प्रार्थना• आसमान के तारे• परी• कबूतर• मेरे भैया• पतंग• चंदा• शैतान चूहे• पेड़• बारिश की बूँदें• स्वच्छता• सड़क के नियम 4. कहानियाँ :<ul style="list-style-type: none">• अंगूर खट्टे हैं• गुस्से का चेहरा• आलस का फल• स्वार्थी चिड़िया

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CLASS - BALVATIKA II

Subject	Syllabus
MATHEMATICS	<ol style="list-style-type: none">1. Numbers : 1 – 502. Before/ Between/ After3. Backward Counting4. Pre – number concepts :<ul style="list-style-type: none">• Big/Small, Biggest/Smallest• Tall/Short, Tallest/Shortest• Thick/Thin, Thickest/Thinnest• More/Less5. Shapes :<ul style="list-style-type: none">• Square• Rectangle• Circle• Triange
EVS	Topic 1 : Me & My Family Topic 2 : Body Parts Topic 3 : My School Topic 4 : My Belongings Topic 5 : My House Topic 6 : Actions and Yoga Topic 7 : Our Safety Topic 8 : Fruits and Vegetables Topic 9 : Hygiene Topic 10 : Seasons Topic 11 : Plants and Animals Topic 12 : Machines Around Us Topic 13 : Community Helpers Topic 14 : Places Around Us Topic 15 : Solar System Topic 16 : Means of Transport

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CLASS I	
Subject	Syllabus
English	<p>Unit 1 My Family and Me Chapter 1 - Two Little Hands Chapter 2 - Greetings</p> <p>Unit 2 Life Around Us Chapter 3 - Picture Time Chapter 4 - The Cap-seller and the Monkeys Chapter 5 - A Farm</p> <p>Unit 3 Food Chapter 6 - Fun with Pictures Chapter 7 - The Food We Eat</p> <p>Unit 4 Seasons Chapter 8 - The Four Seasons Chapter 9 - Anandi's Rainbow</p>
Hindi	<p>मात्रों का ज्ञान</p> <ol style="list-style-type: none"> 1. मीना का परिवार 2. दादा -दादी 3. रीना का दिन 4. रानी भी 5. मिठाई 6. तीन साथी 7. वाह, मेरा घोड़े 8. खतरे में साँप 9. आलू की सड़क 10. झूलम -झूली 11. भुट्टे 12. फूली रोटी 13. मेला 14. बरखा और मेगा 15. होली 16. जन्मदिवस पर पेड़ लगाओ 17. हवा 18. कितनी प्यारी है यह दुनिया 19. चांद का बच्चा

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CLASS I

Subject	Syllabus
Mathematics	1. Finding the Furry Cat! (Pre-number Concepts) 2. What is Long? What is Round? (Shapes) 3. Mango Treat (Numbers 1 to 9) 4. Making 10 (Numbers 10 to 20) 5. How Many? (Addition and Subtraction of Single Digit Numbers) 6. Vegetable Farm (Addition and Subtraction up to 20) 7. Lina's Family (Measurement) 8. Fun with Numbers (Numbers 21 to 99) 9. Utsav (Patterns) 10. How do I Spend my Day? (Time) 11. How Many Times? (Multiplication) 12. How Much Can We Spend? (Money) 13. So Many Toys (Data Handling)
EVS	Chapter 1. My Body Chapter 2. The Food We Eat Chapter 3. The Clothes We Wear Chapter 4 Keeping Clean, Fit and Healthy Chapter 5 I Love My Family Chapter 6 Home, Sweet Home Chapter 7 My School Chapter 8 Let Us Celebrate Chapter 9 Safety Habits Chapter 10 My Neighbourhood Chapter 11. People at work Chapter 12 The World of Plants Chapter 13 The Animal World Chapter 14 Animals, Our Friends Chapter 15 We Need Air Chapter 16 We Need Water Chapter 17 How Is The Weather? Chapter 18 Up In The Sky
Computer Science	Chapter 1 Meet mr. Computer Chapter 2 Computer My Friend Chapter 3 Click!Click!Click Chapter 4 Let us Type Chapter 5 Tux Paint Chapter 6 Say Hello to All Chapter 7 Discover Coding

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CLASS II

Subject	Syllabus
English	<p>Unit 1. Fun with Friends 1. My Bicycle 2. Picture Reading</p> <p>Unit 2. Welcome to my world 3. It is fun 4. Seeing without Seeing</p> <p>Unit 3 Going places 5. Come Back Soon 6. Between Home and School 7. This is My Town</p> <p>Unit 4 Life Around Us 8.. A Show of Clouds 9. My Name 10.. The Crow 11. The Smart Monkey</p> <p>Unit 5 Harmony 12.. Little Drops of Water 13. We are all Indians</p>
Hindi	<p>इकाई 1 : परिवार 1) नीमा की दादी 2) घर 3) माला की चाँदी की पायल 4) माँ 5) थाथू और मैं 6) चींटी 7) टिल्लू जी</p> <p>इकाई 2: रंग ही रंग 8) तीन दोस्त 9) दुनिया रंग –बिरंगी 10) कौन 11) बैंगनी जोजो 12) तोसिया का सपना</p> <p>इकाई 3 : हरी-भरी धरती 13) तालाब 14) बीज 15) किसान 16) मूली 17) बरसात और मेढक</p>

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CLASS II

Subject	Syllabus
Mathematics	1. A Day at the Beach (Counting in Groups) 2. Shapes Around Us (3D Shapes) 3. Fun with Numbers (Numbers 1 to 100) 4. Shadow Story (Togalu) (2D Shapes) 5. Playing with Lines (Orientations of a line) 6. Decoration for Festival (Addition and Subtraction) 7. Rani's Gift (Measurement) 8. Grouping and Sharing (Multiplication and Division) 9. Which Season is it? (Measurement of Time) 10. Fun at the Fair (Money) 11. Data Handling
EVS	1. Our Wonderful Body 2. Food for Us 3. Clothes for Us 4. We Need Shelter 5. I Love My School 6. My Neighbourhood 7. Places of Worship 8. Festivals are Fun 9. Having Fun 10. Our Environment 11. Plants, Our Friends 12. Animals, Our Friends 13. Our Earth 14. Seasons 15. Pollutions 16. How we Travel 17. Be Safe
Computer Science	Chapter 1 Computer : An Electronic Device Chapter 2 Know More Keys Chapter 3 How to Use Me Chapter 4 Me Paint: An introduction Chapter 5 Word Pad : An Introduction Chapter 6 AI Makes Smart Homes Chapter 7 Coding Through Stepwise Thinking

ARMY PUBLIC SCHOOL, NOIDA**ANNUAL CURRICULUM (Session : 2025 - 2026)****CLASS III**

Subject	Syllabus
English	Unit1. Fun with Friends 1. Colours 2. Badal and Moti 3. Best Friends Unit 2. Toys and Games 4. Out in the Garden 5. Talking Toys 6. Paper Boats Unit 3. Good Food 7. The Big Laddoo 8. Thank God 9. Madhu's Wish Unit 4. The Sky 10. Night 11. Chanda Mama Counts the Stars 12. Chandrayaan
Hindi	1. सीखो 2. चींटी 3. कितने पैर 4. बाय हमारी चिड़िया रानी 5. आम का पेड़ 6. बीरबल की खिचड़ी 7. मित्र को पत्र 8. चतुर गीदड़ 9. प्रकृति पर्व – फूलदेई 10. रस्साकशी 11. एक जादुई पिटारा 12. अपना अपना काम 13. पेड़ों की अम्मा “थिमक्का” 14. किसान की होशियारी 15. भारत 16. चंद्रयान (संवाद) 17. बोलने वाली माँद 18. हम अनेक किन्तु एक
Mathematics	Chapter-1 What's in a Name? Chapter- 2 Toy Joy Chapter-3 Double Century Chapter-4 Vacations with my Nani maa Chapter-5 Fun with Shapes Chapter-6 House of Hundreds-I Chapter-7 Raksha Bandhan Chapter-8 Fair Share Chapter-9 House of Hundreds-II Chapter-10 Fun at Class Party! Chapter-11 Filling and Lifting Chapter-12 Give and Take Chapter-13 Time Goes On Chapter-14 The Surajkund Fair

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CLASS III	
Subject	Syllabus
EVS	<p>Unit 1: Our Families and Communities</p> <p>1. Family and Friends</p> <p>2. Going to the Mela</p> <p>3. Celebrating Festivals</p> <p>Unit 2: Life Around Us</p> <p>4. Getting to Know Plants</p> <p>5. Plants and Animals Live Together</p> <p>6. Living in Harmony.</p> <p>Unit 3: Gifts of Nature</p> <p>7. Water -A Precious Gift</p> <p>8. Food We Eat</p> <p>9. Staying Healthy and Happy</p> <p>Unit 4: Things Around Us</p> <p>10. This World of Things</p> <p>11. Making Things</p> <p>12. Taking Charge of Waste</p>
Computer Science	<p>Chapter 1 A Computer System</p> <p>Chapter 2 Introduction to Windows 10</p> <p>Chapter 3 Fun With Paint</p> <p>Chapter 4 AI -Natural Language Processing</p> <p>Chapter 5 Word : An Introduction</p> <p>Chapter 6 Styling in Word</p> <p>Chapter 7 A Useful Device</p> <p>Chapter 8 Coding with Scratch - First Step</p>

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CLASS IV

Subject	Syllabus
English	<ol style="list-style-type: none">1. Together We Can2. The Tinkling Bells3. Be Smart, Be Safe4. One Thing at a Time5. The Old Stag6. Braille7. Fit Body, Fit Mind, Fit Nation8. The Lago9. Hekko <p>Unit 4: Up High</p> <ol style="list-style-type: none">10. The Swing11. A Journey to the Magical Mountains12. Maheshwari Champions
Hindi	<ol style="list-style-type: none">1. चिड़िया का गीत2. बगीचे का घोंघा3. नीम4. हमारा आहार5. आसमान गिरा6. जयपुर से पत्र7. नकली हीरे8. ओणम के रंग9. मिठाइयों का सम्मेलन10. कैमरा11. कविता का कमाल12. शतरंज में मात13. हमारा आदित्य
Mathematics	<ol style="list-style-type: none">1. Shapes Around Us2. Hide and Seek3. Pattern Around Us4. Thousands Around Us5. Sharing and Measuring6. Measuring Length7. The Cleanest Village8. Weigh it, Pour it9. Equal Groups10. Elephants, Tigers, and Leopards11. Fun with Symmetry12. Ticking Clocks and Turning Calendar13. The Transport Museum14. Data Handling
EVS	<p>Unit 1: Our Community Chapter 1: Living Together Chapter 2: Exploring Our Neighbourhood</p> <p>Unit 2: Life Around Us Chapter 3: Nature Trail Chapter 4: Growing up with Nature</p> <p>Unit 3: Health and Well-being Chapter 5: Food for Health Chapter 6: Happy and Healthy Living</p> <p>Unit 4: Things Around Us Chapter 7: How Things Work Chapter 8: How Things are Made</p> <p>Unit 5: Our Environment Chapter 7: Different Lands, Different Lives Chapter 8: Our Sky</p>

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CLASS IV

Subject	Syllabus
Computer Science	Chapter 1 Computer : Types and Devices Chapter 2 Memory and Storage Devices Chapter 3 Exploring Windows 10 Chapter 4 working with Objects in Word Chapter 5 Exploring Word Chapter 6 AI - Internet of Things (IoT) Chapter 7 PowerPoint : An Introduction Chapter 8 Scratch Coding and Games Chapter 9 The Internet

ARMY PUBLIC SCHOOL, NOIDA**ANNUAL CURRICULUM (Session : 2025 - 2026)****CLASS V**

Subject	Syllabus
English	<p>Unit 1. 1. The Ice Cream Man 2. Wonderful Waste</p> <p>Unit 2. 3. Teamwork 4. Flying Together</p> <p>Unit 3 5. My Shadow 6. Robinson Crusoe</p> <p>Unit 4 7. Crying 8. My Elder Brother</p> <p>Unit 5 9. The Lazy Frog 10. Rip Van Winkle</p> <p>Unit 6. 11. Class Discussion 12. The Talkative Barber</p> <p>Unit 7 13. Topsy Turvy Land 14. Gulliver's Travels</p> <p>Unit 8 15. Nobody's Friend 16. The Little Bully</p> <p>Unit 9 17. Sing a Song of People 18. Around the World</p>
Hindi	<p>1. राख की रस्सी 2. फसलों का त्योहार 3. खेलौनेवाला 4. नन्हा फ़नकार 5. जहाँ चाह वहाँ राह 6. चिट्ठी का सफ़र 7. डाकिए की कहानी, कँवरसिंह की जुबानी 8. वे भी क्या दिन थे 9. एक माँ की बेबसी 10. एक दिन की बादशाहत 11. चावल की रोटियाँ 12. गुरु और चेला 13. स्वामी की दादी 14. बाघ आया उस रात 15. बिशन की दिलेरी 16. पानी रे पानी 17. छोटी सी हमारी नदी 18. चुनौती हिमालय की</p>
Mathematics	<p>1. The Fish Tale 2. Shapes and Angles 3. How many Squares 4. Parts and Whole 5. Does It Look the Same? 6. Be My Multiple, Will be Your Factor 7. Can You See the Pattern? 8. Mapping Your Way 9. Boxes and Sketches 10. Tenths and Hundredths 11. Area and Boundary 12. Smart Charts.</p>

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CLASS V

Subject	Syllabus	
EVS	1. Super Senses 2. A Snake Charmer’s Story 3. From Tasting to Digesting 4. Mangoes Round the Year 5. Seeds and Seeds 6. Every Drop Counts 7. Experiments with Water 8. A Treat for Mosquitoes 9. Up You Go! 10. Walls Tell Stories 11. Sunita in Space 12. What if it Finishes ...? 13. A Shelter so High! 14. When the Earth Shook! 15. Blow Hot, Blow Cold 16. Who will do this Work? 17. Across the Wall 18. No Place for Us? 19. A Seed tells a Farmer’s Story 20. Whose Forests? 21. Like Father, Like Daughter	
Computer Science	Chapter 1 Histroy of Computers Chapter 2 Tables in Word Chapter 3 Mail Merge in Word Chapter 4 Exploring PowerPoint Chapter 5 AI Tools Chapter 6 Advance Coding in Scratch Chapter 7 Email Chapter 8 Alogorithm and Flowchart	

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CLASS VI

Subject	Syllabus
English	<p>Section A: Reading 1-Comprehension Passage (Discursive) 2-Comprehension Passage (Case Based/Factual)</p> <p>Section B: Writing Skills 1-Formal Letter: Leave Application 2-Visual Description/ Picture Composition 3-Paragraph Writing 4-Story Writing</p> <p>Grammar 1-Sentences 2-Nouns 3-Nouns: Number 4-Pronouns 5-Articles 6-Adjectives 7-Verbs 8-Verbs: Expressing the Present 9-Verbs: Expressing the Past 10-Verbs: Expressing the Future 11-Modals 12-Active and Passive Voice 13-Subject-Verb Agreement 14-Adverbs 15-Prepositions 16-Conjunctions 17-Direct and Indirect Speech 18-Phrases 19-Punctuation and Capital Letters</p> <p>Section C: Literature Unit 1- Fables and Folk Tales 1-A Bottle of Dew 2-The Raven and the Fox 3-Rama to the Rescue</p> <p>Unit 2- Friendship 1-The Unlikely Best Friends 2-A Friend's Prayer 3-The Chair</p> <p>Unit 3- Nurturing Nature 1-Neem Baba 2-What a Bird Thought 3-Spices that Heal Us</p> <p>Unit 4- Sports and Wellness 1-Change of Heart 2-The Winner 3-Yoga- A Way of Life</p> <p>Unit 5- Culture and Tradition 1-Hamara Bharat-Incredible India! 2-The Kites 3-Ila Sachani: Embroidering Dreams with her Feet 4-National War Memorial</p>

<p style="text-align: center;">Hindi</p>	<ol style="list-style-type: none"> 1. मातृभूमि 2. गोल 3. पहली बूँद 4. हार की जीत 5. रहीम के दोहे 6. मेरी माँ 7. जलाते चलो 8. सत्रिया और बिहू नृत्य 9. मैया मैं नहीं माखन खायो 10. परीक्षा 11. चेतक 12. हिन्द महासागर में छोटा सा हिन्दुस्तान 13. पेड़ की बात 	
<p style="text-align: center;">Sanskrit</p>	<ol style="list-style-type: none"> 1. वयं वर्णमाला पठामः: 2. एषः, एषा का, एतत् किम् ? 3. अहं च त्वम् च 4. अहं प्रातः उत्तिष्ठामि 5. शूराः वयम् धीराः वयम् 6. सः एव महान चित्रकारः 7. अतिथिदेवो भव 8. बुद्धि सर्वार्थसाधिका 9. यो जानाति सः पंडितः 10. त्वम् आपणम् गच्छ 11. पृथिव्याम् त्रीणि रत्नानि 12. आलस्यं हि मनुष्याणां शरीरस्थ महान रिपुः 13. संख्यागणना 14. माधवस्य प्रियाः अंगाः, 15. वृक्षाः सत्पुरुषाः इव 	
<p style="text-align: center;">Mathematics</p>	<ol style="list-style-type: none"> 1. Patterns in Mathematics 2. Lines and Angles 3. Number Play 4. Data Handling and Presentation 5. Prime Time 6. Perimeter and Area 7. Fractions 8. Playing with Constructions 9. Symmetry 10. The other side of zero 	

	Science	<p>Chapter 1 The Wonderful World of Science</p> <p>Chapter 2 Diversity in the Living World</p> <p>Chapter 3 Mindful Eating: A Path to a Healthy Body</p> <p>Chapter 4 Exploring Magnets</p> <p>Chapter 5 Measurement of Length and Motion</p> <p>Chapter 6 Materials Around Us</p> <p>Chapter 7 Temperature and its Measurement</p> <p>Chapter 8 A Journey through States of Water</p> <p>Chapter 9 Methods of Separation in Everyday Life</p> <p>Chapter 10 Living Creatures: Exploring their Characteristics</p> <p>Chapter 11 Nature's Treasures</p> <p>Chapter 12 Beyond Earth</p>	
	Social science	<p>Chapter 1 Locating Places on the Earth</p> <p>Chapter 2 Oceans and Continents</p> <p>Chapter 3 Landforms and Life</p> <p>Chapter 4 Timeline and Sources of History</p> <p>Chapter 5 India, That Is Bharat</p> <p>Chapter 6 The Beginnings of Indian Civilisation</p> <p>Chapter 7 India's Cultural Roots</p> <p>Chapter 8 Unity in Diversity, or 'Many in the One'</p> <p>Chapter 9 Family and Community</p> <p>Chapter 10 Grassroots Democracy — Part 1: Governance</p> <p>Chapter 11 Grassroots Democracy — Part 2: Local Government in Rural Areas</p> <p>Chapter 12 Grassroots Democracy — Part 3: Local Government in Urban Areas</p> <p>Chapter 13 The Value of Work</p> <p>Chapter 14 Economic Activities Around Us</p>	
	Computer science	<p>Chapter 1 Advanced Features in PowerPoint</p> <p>Chapter 2 Understanding Artificial Intelligence (AI)</p> <p>Chapter 3 Excel – An Introduction</p> <p>Chapter 4 Formatting in Excel</p> <p>Chapter 5 Formulas and Functions in Excel</p> <p>Chapter 6 Image Editing with GIMP</p> <p>Chapter 7 Coding in C++, Python, and Java</p> <p>Chapter 8 Coding with Python</p> <p>Chapter 9 Cloud Computing</p>	

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CLASS VII

Subject	Syllabus
English	<p>Section A: Reading 1-Comprehension Passage (Discursive) 2-Comprehension Passage (Case Based/Factual)</p> <p>Section B: Writing Skills 1-Formal Letter: Leave Application 2-Story Writing 3-Diary Entry 4-Notice Writing</p> <p>Grammar 1-Nouns: Countable and Uncountable 2-Nouns: Gender 3-Pronouns 4-Adjectives 5-Determiners 6-Verbs 7-Verbs: Expressing the Present 8-Verbs: Expressing the Past 9-Verbs: Expressing the Future 10-Modals 11-Active and Passive Voice 12-Subject-Verb Agreement 13-Adverbs 14-Prepositions 15-Conjunctions 16-Direct and Indirect Speech 20-Clauses 21-Sentences: Simple, Compound & Complex 22-Punctuation and Capital Letters</p> <p>Section C: Literature Unit 1- Learning Together Ch 1- The Day the River Spoke P 1- Try Again Ch 2- Three Days to See</p> <p>Unit 2- Wit and Humour Ch 3- Animals, Birds and Dr. Dolittle P2- A Funny Man Ch 4- Say the Right Thing Unit 3- Dreams and Discoveries Ch 5- My Brother's Great Invention P3- Paper Boats Ch 6- North, South, East, West</p> <p>Unit 4- Travel and Adventure Ch 7- The Tunnel P4- Travel Ch 8- Conquering the Summit</p> <p>Unit 5- Bravehearts Ch 9- A Homage tp Our Brave Soldiers P5- My Dear Soldiers Ch 10- Rani Abbakka</p>

	Hindi	<ol style="list-style-type: none"> 1. माँ, कह एक कहानी 2. तीन बुद्धिमान 3. फूल और काँटा 4. पानी रे पानी 5. नहीं होना बीमार 6. गिरिधर कविराय की कुंडलिया 7. वर्षा-बहार 8. बिरजू महाराज से साक्षात्कार 9. चिड़िया 10. मीरा के पद
	Sanskrit	<ol style="list-style-type: none"> 1. वंदे भारतमातरम् 2. नित्यं पिबामः सुभाषितरसं 3. मित्राय नमः 4. न लभ्यते चेत् आम्लं द्राक्षाफलम् 5. सेवा परमो धर्मः 6. क्रीडाम वयं श्लोकान्त्याक्षरीम् 7. ईशा वास्यम् इदं सर्वम् 8. हितम् मनोहारि च दुर्लभम् वचः 9. आनन्दम् भवन्ति भूतानि 10. दशमः कः 11. द्वीपेषु रम्यः द्वीपो अंडमानः 12. वीराङ्गना पन्नाधाय
	Mathematics	<ol style="list-style-type: none"> 1. Large numbers around us 2. Arithmetic Expressions 3. A peek beyond the point 4. Expressions using Letter-Numbers 5. Parallel and Intersecting lines 6. Number Play 7. A tale of three intersecting lines 8. Working with Fractions
	Science	<p>Chapter 2. Exploring substances : Acidic, Basic, and Neutral. Chapter 3 Electricity : Circuits and their components. Chapter 4 The world of Metals and Non-metals. Chapter 5 Changes around us: Physical and Chemical. Chapter 6 Adolescence : A stage of Growth and change. Chapter 7 Heat transfer in Nature. Chapter 8 Measurement of Time and motion. Chapter 9 Life Process in Animals. Chapter 10 Life Processes in Plants. Chapter 11 Light: Shadows and Reflections. Chapter 12 Earth, Moon, and the Sun</p>
	Social Science	<p>Chapter-1 Geographical Diversity of India Chapter-2 Understanding the Weather Chapter-3 Climates of India Chapter-4 New Beginnings: Cities and States Chapter-5 The Rise of Empires Chapter-6 The Age of Reorganisation Chapter-7 The Gupta Era: An Age of Tireless Creativity Chapter-8 How the Land Becomes Sacred Chapter-9 From the Rulers to the Ruled: Types of Governments Chapter-10 The Constitution of India - An Introduction Chapter-11 From Barter to Money Chapter-12 Understanding Markets</p>

	Computer Science	Chapter 1 Number System Chapter 2 Charts in Excel Chapter 3 Layers in GIMP Chapter 4 Robots and Robotics Chapter 5 Animation with Synfig Chapter 6 Conditional Coding in Python Chapter 7 Computer Languages Chapter 8 Web Development: HTML & CSS Chapter 9 Artificial Intelligence (AI) inReal Life Chapter 10 App Development
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ARMY PUBLIC SCHOOL, NOIDA

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CLASS VIII

Subject	Syllabus
English	<p>Honeydew: L1: The Best Christmas Present in the World L2: The Tsunami L3: Glimpses of the Past L4: Bepin Choudhury's Lapse of Memory L5: The Summit Within L6: This is Jody's Fawm L7: A Visit to Cambridge L8: A Short Monsoon Diary</p> <p>P1: The Ant and the Cricket P2: Geography Lesson P4: The last Bargain P5: The School Boy P8: On the Grasshopper and Cricket</p> <p>Grammar: <u>Nouns:</u> Case (Nominative, Accusative, Possessive Cases and formation of Possessive Case) <u>Pronouns:</u> Interrogative Pronouns, Relative Pronouns (Position, Omission, Joining Sentences, Uses) <u>Adjectives:</u> Distributing, Emphasising and Proper Adjectives, Correct Use of Adjectives <u>Determiners and Adjectives:</u> Kinds of Determiners - Articles, Demonstrative, Possessive, Quantifiers, Distributives, Interrogatives <u>Non-Finite Verbs:</u> Gerund, Infinitive, Bare Infinitive, Present Participle, Past Participle, Perfect Participle, Joining Sentences using Non-Finites <u>Tenses:</u> Present, Past, Future - Simple, Continuous, Perfect, Perfect Continuous <u>Conditionals:</u> Zero, First, Second and Third <u>Voice -</u> Active and Passive <u>Subject-Verb Agreement</u> <u>Adverbs -</u> Position, order, Degrees of Comparison and Correct Use <u>Prepositions:</u> Prepositions Vs Adverbs <u>Conjunctions:</u> Coordinating, Subordinating, Corelative <u>Direct-Indirect Speech:</u> Interrogative, Imperative and Exclamatory Sentences <u>Clauses:</u> Independent-Subordinate Clauses, Noun Clause, Adjective Clause, Averb Clause <u>Transformation of Sentences:</u> Exclamatory-Assertive, Simple-Compound, Simple-Complex <u>Collocations and Phrasal Verbs</u></p> <p>Wrting: Formal Letter (Application Writing, Letter to Editor) Article Writing Diary Entry Notice Writing (Event, Lost & Found) Report Writing Biographical Sketch Writing</p>

<p style="text-align: center;">Hindi</p>	<ol style="list-style-type: none"> 1. लाख की चूड़ियाँ (कहानी) 2. बस की यात्रा (व्यंग्य) 3. दीवानों की हस्ती (कविता) 4. भगवान के डाकिए, (कविता) 5. क्या निराश हुआ जाए (निबंध) 6. यह सबसे कठिन समय नहीं (कविता) 7. कबीर की साखियाँ 8. सुदामा चरित (कविता) 9. जहाँ पहिया है (रिपोर्ताज) 10. अकबरी लोटा (कहानी) 11. सूर के पद 12. पानी की कहानी (लेख) 13. बाज और साँप (कहानी)
<p style="text-align: center;">Sanskrit</p>	<ol style="list-style-type: none"> 1. सुभाषितानि 2. बिलस्य वाणी न कदापि श्रुता 3. डिजीभारतम् 4. सदैव पुरतो निधेहि चरणम् 5. कटकेनैव कटकम् 6. गृहं शून्यम् सुतां विना 7. भारत जनताहम् 8. संसार सागरस्य नायकः 9. सप्तभगिन्यः 10. नीतिनवनीतम् 11. सावित्री बाई फुले 12. कः रक्षति कः रक्षितः, 13. क्षितौ राजते भारतस्वर्णभूमि, 14. आर्यभट्टः, 15. प्रहेलिका
<p style="text-align: center;">Mathematics</p>	<ol style="list-style-type: none"> 1. Rational Numbers 2. Linear Equations in One Variable 3. Understanding Quadrilaterals 4. Data handling 5. Squares and Square Roots 6. Cubes and Cube Roots 7. Comparing Quantities 8. Algebraic Expressions and Identities 9. Mensuration 10. Exponents and Powers 11. Direct and Inverse Proportions 12. Factorisation 13. Introduction to Graphs
<p style="text-align: center;">Science</p>	<ol style="list-style-type: none"> 1. Crop Production And Management 2. Microorganisms : Friend And Foe. 3. Coal And Petroleum. 4. Combustion And Flame. 5. Conservation Of Plants And Animals. 6. Reproduction In Animals. 7. Reaching The Age Of Adolescence 8. Force And Pressure. 9. Friction. 10. Sound . 11 .Chemical Effects OF Electric Current. 12. Some Natural Phenomena. 13. Light

	<p>HISTORY</p> <ol style="list-style-type: none"> 1. Introduction: How, When and Where 2. From Trade to Territory The Company Establishes Power 3. Ruling the Countryside 4. Tribals, Dikus and the Vision of a Golden Age 5. When People Revolt 1857 and After 6. Civilising the “Native”, Educating the Nation 7. Women, Caste and Reform 8. The Making of the National Movement: 1870s—1947 <p>CIVICS</p> <p>Unit One: The Indian Constitution and Secularism Chapter 1: The Indian Constitution Chapter 2: Understanding Secularism</p> <p>Unit Two: Parliament and the Making of Laws Chapter 3: Parliament and the Making of Laws</p> <p>Unit Three: The Judiciary Chapter 4: Judiciary</p> <p>Unit Four: Social Justice and the Marginalised Chapter 5: Understanding Marginalisation Chapter 6: Confronting Marginalisation</p> <p>Unit Five: Economic Presence of the Government Chapter 7: Public Facilities Chapter 8: Law and Social Justice</p> <p>GEOGRAPHY</p> <p>Chapter 1 Resources Chapter 2 Land, Soil, Water, Natural Vegetation and Wildlife Resources Chapter 3 Agriculture Chapter 4 Industries Chapter 5 Human Resources</p>
<p>Social Science</p>	
<p>Computer Science</p>	<p>Chapter 1: Networking Concepts Chapter 2: Introduction to RDBMS: MySQL Chapter 3: Computer Virus Chapter 4: Exploring Synfig Chapter 5: AI-Social Impact Chapter 6: Loops Coding in Python Chapter 7: Data Science Chapter 8: Web Development: Lists and Tables Chapter 9: Advanced Web Development Chapter 10: Cyber Ethics and Security Chapter 11: Social Networking and E-Commerce</p>

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CLASS IX

Subject	Syllabus
English	<p>Section A : Reading</p> <ol style="list-style-type: none"> 1. Comprehension Unseen Passage (Discursive) 2. Comprehension Unseen Passage (Case based/ Factual) <p>Section B: Writing</p> <ol style="list-style-type: none"> 1. Descriptive Paragraph (person/ event/ situation) 2. Story Writing/ Diary Entry <p>Grammar</p> <ol style="list-style-type: none"> 1. Editing 2. Gap Filling (Tenses, Modals, Determiners, Subject-verb Concord) 3. Reported Speech (Commands and requests, Statements, Questions) <p>Section C : Literature</p> <p>Beehive - Prose</p> <ol style="list-style-type: none"> L1. The Fun They Had L2. The Sound of Music L3. The Little Girl L4. A Truly Beautiful Mind L5. The Snake and the Mirror L6. My Childhood L7. Reach For The Top (Part 1&2) L8. Kathmandu L9. If I were You <p>Beehive - Poetry</p> <ol style="list-style-type: none"> P1. The Road Not taken P2. Wind P3. Rain on The Roof P4. The Lake Isle of Innisfree P5. A Legend of The Northland P6. No Men Are Foreign P7. On killing a tree P8. A Slumber Did My Spirit Seal <p>Moments Book</p> <ol style="list-style-type: none"> L1. The Lost Child L2. The Adventures of Toto L3. Iswaran the Storyteller L4. In the Kingdom of Fools L5. The Happy Prince L6. The Last Leaf L7. A House Is Not a Home L8. The Beggar

<p style="text-align: center;">Hindi</p>	<p>पाठ्यपुस्तक स्पर्श भाग 1 (गद्य खंड)</p> <ol style="list-style-type: none"> 1. दुःख का अधिकार 2. एवरेस्ट : मेरी शिखर यात्रा 3. तुम कब जाओगे, अतिथि 4. वैज्ञानिक चेतना के वाहक : चंद्रशेखर वेंकट रामन 5. शुकतारे के समान <p>(काव्य खंड)</p> <ol style="list-style-type: none"> 1. रैदास के पद 2. रहीम के दोहे 3. गीत-अगीत 4. अग्निपथ 5. नए इलाके में खुशबू रचते हैं हाथ <p>पूरक पाठ्यपुस्तक संचयन भाग 1</p> <ol style="list-style-type: none"> 1. गिल्लू 2. स्मृति 3. कल्लू कुम्हार की उनाकोटी 4. मेरा छोटा - सा निजी पुस्तकालय 	
<p style="text-align: center;">Sanskrit</p>	<ol style="list-style-type: none"> 1. भारतीयसन्तगीति: 2. स्वर्णकाक: 3. गोदोहनम् 4. सूक्तिमौक्तिकम् 5. भ्रान्तोबाल: 6. लौहतुला 7. सिकतासेतु: 8. जटायो: शौर्यम् 9. पर्यावरणम् 10. वाङ्मनःप्राणस्वरूपः 	
<p style="text-align: center;">Mathematics</p>	<ol style="list-style-type: none"> 1. NUMBER SYSTEMS 2. POLYNOMIALS 3. COORDINATE GEOMETRY 4. LINEAR EQUATIONS IN TWO VARIABLES 5. INTRODUCTION TO EUCLID 'S GEOMETRY 6. LINES AND ANGLES 7. TRIANGLES 8. QUADRILATERALS 9. CIRCLES 10. HERONS FORMULA 11. SURFACE AREAS AND VOLUMES 12. STATISTICS 	
<p style="text-align: center;">Science</p>	<ol style="list-style-type: none"> 1. Matter in our Surrounding 2. Is matter around us pure? 3. Atoms and Molecules. 4. Structure of the Atom 5. The Fundamental Unit of Life 6. Tissues 7. Motion 8. Force and Laws of Motion 9. Gravitation 10. Work and Energy 11. Sound 12 Improvement in Food Resources. 	

<p>Social Science</p>	<p>HISTORY: Chapter 1: The French Revolution Chapter 2: Socialism in Europe and the Russian Revolution Chapter 3: Nazism and the Rise of Hitler</p> <p>POLITICAL SCIENCE: Chapter 1: What is Democracy? & Why Democracy? Chapter 2: Constitutional Design Chapter 3: Electoral Politics Chapter 4: Working of Institutions Chapter 5: Democratic Rights</p> <p>GEOGRAPHY:- 1. India-Size and Location 2. Physical Features Of India 3. Drainage 4. Climate 5. Natural Vegetation and wildlife [Interdisciplinary activity] 6. Population</p> <p>ECONOMICS 1.The story of village palampur 2. People as resource 3. Poverty as a challenge 4. Food security in India</p>
<p>Physical Training</p>	<p>Employability Skills Unit 1 : Communication Skills-I Unit 2 :Self-management Skills-I Unit 3: Information and Communication Technology Skills-I Unit 4 :Entrepreneurial Skills-I Unit 5 :Green Skills-I</p> <p>Subject Specific Skills Unit 1: Role of Physical Education in Child Development 20 Unit 2: Planning Age Appropriate Physical Activity Unit 3: Organizing Age Appropriate Physical Activities Unit 4: Children Health and Safety</p>
<p>Artificial Intelligence</p>	<p>Subject Specific (Artificial Intelligence) Unit 1 AI Reflection, Project Cycle and Ethics Unit 2 Data Literacy Unit 3 Math for AI (Statistics & Probability) Unit 4 Introduction to Generative AI Unit 5 Introdiction to Python</p> <p>Employability Skills Unit 1 Communication Skills Unit 2 Self management skills Unit 3 ICT skills Unit 4 Entrepreneurship Skills Unit 5 I Green SkillsUnit</p>

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CLASS X

Subject	Syllabus
English	<p>SECTION A: READING Reading Comprehension through Unseen Passage: 1. Discursive passage 2. Case-based passage (with visual input- statistical data, chart etc.)</p> <p>SECTION B: CREATIVE WRITING SKILLS 1. Letter to the Editor / Business Letters (Inquiry/ Placing an order/ Complaint) 2. Analytical Paragraph (On Map / Chart / Graph / Cue/s)</p> <p>GRAMMAR 1. Gap Filling 2. Editing 3. Sentence Transformation exercises •Tenses •Modals •Subject – verb concord •Reported speech • Determiners</p> <p>SECTION C: LITERATURE First Flight Prose 1. A letter to God 2. Nelson Mandela - Long Walk to Freedom 3. Two Stories About Flying - I & II 4. From the Diary of Anne Frank 5. Glimpses of India – I, II & III 6. Mijbil the Otter 7. Madam Rides the Bus 8. The Sermon at Benares 9. The Proposal</p> <p>Poems 1. Dust of Snow 2. Fire and Ice 3. A Tiger in the Zoo 4. How to Tell Wild Animals 5. The Ball Poem 6. Amanda 7. The Trees 8. Fog 9. The Tale of Custard the Dragon 10. For Anne Gregory</p> <p>Footprints without Feet 1. A Triumph of Surgery 2. The Thief's Story 3. The Midnight Visitor 4. A Question of Trust 5. Footprints Without Feet 6. The Making of a Scientist 7. The Necklace 8. Bholi 9. The Book That Saved The Earth</p>

	Hindi	<p>पाठ्यपुस्तक स्पर्श भाग 2 (पद्य खंड)</p> <ol style="list-style-type: none"> 1. कबीर की साखियाँ 2. मीरा के पद 3. मनुष्यता 4. पर्वत प्रदेश में पावस 5. तोप 6. कर चले हम फ़िदा 7. आत्मत्राण <p>(गद्य खंड)</p> <ol style="list-style-type: none"> 1. बड़े भाई साहब 2. डायरी का एक पन्ना 3. ततारा वामीरो कथा 4. तीसरी कसम के शिल्पकार शैलेंद्र 5. अब कहाँ दूसरों के दुख से दुखी होने वाले 6. पतझर में टूटी पत्तियाँ : गिन्नी का सोना झेन की देन 7. कारतूस
	Sanskrit	<ol style="list-style-type: none"> 1. शुचिपर्यावरणम् 2. बुद्धि बलवती सदा 3. व्यायामः सर्वदा पथम् 4. शिशु लालनम् 5. जननी तुल्यवत्सला 6. सुभाषितानि 7. सौहार्द प्रकृतेः शोभा 8. विचित्र साक्षी 9. सूक्त्यः 10. भूकम्पविभीषिका 11. प्राणेभ्यो अपि प्रियः सुहृदः 12. अन्योक्तयः
	Mathematics	<ol style="list-style-type: none"> 1. Real Numbers 2. Polynomials 3. Pair of Linear Equations in Two Variables 4. Quadratic Equations 5. Arithmetic Progression 6. Coordinate Geometry 7. Triangles 8. Circles 9. Introduction to Trigonometry 10. Applications of Trigonometry 11. Areas Related to Circles 12. Surface Areas and Volumes 13. Statistics 14. Probability

	Artificial Intelligence	Employability Skills U-I Communication Skills U-II Self management skills U-III ICT skills U-IV Entrepreneurship Skills U-V Green Skills Subject Skills Unit 1: Revisiting AI Project Cycle & Ethical Frameworks for AI Unit 2: Advanced Concepts of Modeling in AI Unit 3: Evaluating Models Unit 4: Statistical Data Unit 5: Computer Vision Unit 6: Natural Language Processing Unit 7: Advance Python
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ARMY PUBLIC SCHOOL, NOIDA
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CLASS XI

Subject	Syllabus
English	<p>Section A - READING: Unseen Passages for-</p> <ol style="list-style-type: none"> 1. Reading comprehension (factual/ descriptive/ literary based) 2. Case based Passage for Comprehension 3. Passage for Note Making and Summarizing <p>Section B - GRAMMAR: 1. Gap filling – Tenses & Clauses 2. Reordering of sentences 3. Transformation of sentences</p> <p>Section B – CREATIVE WRITING SKILLS: Short Composition: (1) Classified Advertisements (2) Poster Long Composition: (1) Speech (2) Debate</p> <p>Section C - LITERATURE: a) HORNBILL (Prose): 1. The Portrait of a Lady 2. We're Not Afraid to Die ... 3. Discovering Tut 4. The Adventure 5. Silk Road b) HORNBILL (Poetry) 1. A Photograph 2. The Laburnum Top 3. The Voice of the Rain 4. Childhood 5. Father to Son c) SNAPSHOTS: 1. The Summer of the Beautiful White Horse (Prose) 2. The Address (Prose) 3. Mother's Day (Play) 4. The Tale of Melon City (Poem) 5. Birth (Prose)</p> <p>Internal Assessment: ASL & CW + Project</p>
History	<p>Chapter 1 - Writing and City Life Chapter 2- Empire between three continents Chapter 3 - Nomadic Empires Chapter 4- The Three Orders Chapter 5 - Changing Cultural Traditions Chapter 6 - Displacing Indigenous Populations Chapter 7 - Paths to Modernisation</p>

<p style="text-align: center;">Geography</p>	<p>BOOK 1 - FUNDAMENTALS OF PHYSICAL GEOGRAPHY UNIT I : GEOGRAPHY AS A DISCIPLINE 1. Geography as a Discipline UNIT II : THE EARTH 2. The Origin and Evolution of the Earth 3. Interior of the Earth 4. Distribution of Oceans and Continents UNIT III : LANDFORMS 5. Geomorphic Processes 6. Landforms and their Evolution UNIT IV : CLIMATE 7. Composition and Structure of Atmosphere 8. Solar Radiation, Heat Balance and Temperature 9. Atmospheric Circulation and Weather Systems 10. Water in the Atmosphere 11. World Climate and Climate Change UNIT V : WATER (OCEANS) 12. Water (Oceans) 13. Movements of Ocean Water UNIT VI : LIFE ON THE EARTH 14. Biodiversity and Conservation BOOK 2 - INDIA - PHYSICAL ENVIRONMENT UNIT I : INTRODUCTION 1. India — Location UNIT II : PHYSIOGRAPHY 2. Structure and Physiography 3. Drainage System UNIT III : CLIMATE AND VEGETATION 4. Climate 5. Natural Vegetation UNIT IV : NATURAL HAZARDS AND DISASTERS: CAUSES, CONSEQUENCES AND MANAGEMENT 6. Natural Hazards and Disasters BOOK 3 - PRACTICAL WORK IN GEOGRAPHY - I CHAPTER 1 Introduction to Maps CHAPTER 2 Map Scale CHAPTER 3 Latitude, Longitude and Time CHAPTER 4 Map Projections CHAPTER 5 Topographical Maps CHAPTER 6 Introduction to Remote Sensing</p>		
<p style="text-align: center;">Psychology</p>	<p>Chapter 1- What is Psychology Chapter 2- Methods of Enquiry Chapter 3- Human Development Chapter 4- Sensory, Attentional & Perceptual Processes Chapter 5- Learning Chapter 6- Human Memory Chapter 7- Thinking Chapter 8- Motivation & Emotion</p>		
<p style="text-align: center;">Informatics Practices</p>	<p>Chapter 1 Computer System Chapter 2 Emerging Trends Chapter 3 Brief Overview of Python Chapter 4 Working with Lists and Dictionaries Chapter 6 Introduction to NumPy Chapter 7 Database Concepts Chapter 8 Introductictiction to Structured Query Language (SQL)</p>		

	Physical Education	UNIT 1 Changing Trends & Career in Physical Education UNIT 2 Olympic Value Education UNIT 3 Yoga UNIT 4 Physical Education & Sports for CWSN UNIT 5 Physical Fitness, Wellness UNIT 6 Test, Measurements & Evaluation UNIT 7 Fundamentals of Anatomy and Physiology in Sports UNIT 8 Fundamentals of Kinesiology and Biomechanics in Sports UNIT 9 Psychology and Sports UNIT 10 Training & Doping in Sports		
	Physics	1. Physical World, Units and Measurement, 2. Motion in a Straight Line, Motion in a Plane, Laws of Motion, 3. Work, Energy, and Power, 4. System of Particles and Rotational Motion, 5. Gravitation, 6. Mechanical Properties of Solids, Mechanical Properties of Fluids, 7. Thermal Properties of Matter, 8. Thermodynamics, 9. Kinetic Theory, 10. Oscillations, and Waves.		
	Chemistry	Ch 1: Some basic concepts of Chemistry Ch 2: Structure of Atom Ch 3: Classification of elements and periodicity in properties Ch 4: Chemical bonding and molecular structure Ch 5: Chemical Thermodynamics Ch 6: Equilibrium Ch 7: Redox reactions Ch 8: Organic Chemistry: Some basic principles and techniques Ch 9: Hydrocarbons		
	Biology	UNIT I DIVERSITY IN THE LIVING WORLD Chapter 1 : The Living World Chapter 2 : Biological Classification Chapter 3 : Plant Kingdom Chapter 4 : Animal Kingdom UNIT II STRUCTURAL ORGANISATION IN PLANTS AND ANIMALS Chapter 5 : Morphology of Flowering Plants Chapter 6 : Anatomy of Flowering Plants Chapter 7 : Structural Organisation in Animals UNIT III CELL : STRUCTURE AND FUNCTIONS Chapter 8 : Cell : The Unit of Life Chapter 9 : Biomolecules Chapter 10 : Cell Cycle and Cell Division UNIT IV PLANT PHYSIOLOGY Chapter 11 : Photosynthesis in Higher Plants Chapter 12 : Respiration in Plants Chapter 13 : Plant Growth and Development UNIT V HUMAN PHYSIOLOGY Chapter 14 : Breathing and Exchange of Gases Chapter 15 : Body Fluids and Circulation 193 Chapter 16 : Excretory Products and their Elimination 205 Chapter 17 : Locomotion and Movement 217 Chapter 18 : Neural Control and Coordination 230 Chapter 19 : Chemical Coordination and Integration		

Mathematics	1. Sets 2. Relations and Functions 3. Trigonometric Functions 4. Complex numbers 5. Linear Inequalities 6. Permutations and Combinations 7. Binomial Theorem 8. Sequence and Series 9. Straight Lines 10. Conic Section 11. Three Dimensional Geometry 12. Limits and Derivatives 13. Statistics 14. Probability		
Computer Science	1. Computer System Organization		
	2. Data Representation & Boolean Logic		
	3. Emerging Trends		
	4. Introduction to Problem Solving		
	5. Getting Started with Python		
	6. Flow of Control		
	7. Functions		
	8. Strings		
	9. Lists		
	10. Tuples and Dictionaries		
	11. Societal Impact		
Economics	- Introduction - Collection, Organisation and Presentation of Data - Statistical Tools and Interpretation - Introduction - Consumer's Equilibrium and Demand - Producer Behaviour and Supply - Forms of Market and Price Determination under perfect competition with simple applications		
Accountancy	Introduction in accounting Theory base of accounting Recording of transactions- I Recording of transactions- II Bank reconciliation statement Trial balance and rectification of errors Depreciation, Provisions and reserves Financial statements- I Financial statements- II single entry system		
Business studies	Nature and Purpose of business Forms of business organisations Private, Public and Global enterprises Business services Emerging modes of business Social responsibility Sources of finance Small Business Internal trade International business		

Physical Activity Trainer	<p>Employability Skills Unit 1: Communication Skills-III Unit 2: Self-management Skills-III Unit 3: Information and Communication Technology Skills-III Unit 4: Entrepreneurial Skills-III Unit 5: Green Skills-III</p> <p>Subject Specific Skills Unit 1: Role of Physical Education in Child Development Unit 2: Props and Equipment Unit 3: Hygiene and Safety Unit 4: Sports and Fitness</p>		
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CLASS XII

Subject	Syllabus
English	<p>Section A - Reading (22 Marks)</p> <ul style="list-style-type: none">• Unseen Passages for comprehension, interpretation, analysis and inference - factual, descriptive or literary passage• Unseen case-based factual passage with verbal/visual inputs like statistical data, charts etc. <p>Section B - Creative Writing Skills (18 Marks)</p> <ul style="list-style-type: none">• Notice Writing• Invitations and Replies• Letter to the Editor• Letter for Job Application with Bio-data• Report Writing• Article Writing <p>Section C - Literature (40 Marks)</p> <p>Flamingo (Prose)</p> <ul style="list-style-type: none">• The Last Lesson• Lost Spring• Deep Water• The Rattrap• Indigo• Poets and Pancakes• The Interview• Going Places <p>Flamingo (Poetry)</p> <ul style="list-style-type: none">• My Mother at Sixty-Six• A Roadside Stand• Keeping Quiet• A Thing of Beauty• Aunt Jennifer's Tigers <p>Vistas</p> <ul style="list-style-type: none">• The Third Level• The Tiger King• Journey to the End of the Earth• The Enemy• On the Face of It• Memories of Childhoodo The Cutting of My Long Hairo We too are Human Beings <p>• INTERNALASSESSMENT (20 Marks)</p> <p>- Assessment of Speaking & Listening Skills – 5+5 m; Project - 10 m;</p>
History	<ol style="list-style-type: none">1. Bricks, Beads and Bones2. Kings, Farmers and Towns3. Kinship, Caste and Class4. Thinkers, Beliefs and Buildings5. From the eyes of travelers6. Bhakti - Sufi Traditions7. The Vijayanagara Empire8. Peasants, State and Zamindars9. Colonialism and the Countryside10. Revolt and the Raj11. Mahatma Gandhi and the Indian National Movement12. Framing the Constitution
Informatics Practices	<p>Review of Database Concepts and SQL (XI)</p> <p>Querying and SQL Functions</p> <p>Data Handling using Pandas - I</p> <p>Plotting Data using Matplotlib</p>

		Internet and Web
		Societal Impacts
		Project Based Learning
	Geography	<p>BOOK 1 - FUNDAMENTALS OF HUMAN GEOGRAPHY</p> <p>UNIT I</p> <p>1. Human Geography Nature and Scope</p> <p>UNIT II</p> <p>2. The World Population Distribution, Density and Growth</p> <p>3. Human Development</p> <p>UNIT III</p> <p>4. Primary Activities</p> <p>5. Secondary Activities</p> <p>6. Tertiary and Quaternary Activities</p> <p>7. Transport and Communication</p> <p>8. International Trade</p> <p>BOOK 2 - INDIA PEOPLE AND ECONOMY</p> <p>Unit I</p> <p>1. Population : Distribution, Density, Growth and Composition</p> <p>Unit II</p> <p>2. Human Settlements</p> <p>Unit III</p> <p>3. Land Resources and Agriculture</p> <p>4. Water Resources</p> <p>5. Mineral and Energy Resources</p> <p>6. Planning and Sustainable Development in Indian Context</p> <p>Unit IV</p> <p>7. Transport and Communication</p> <p>8. International Trade</p> <p>Unit V</p> <p>9. Geographical Perspective on Selected Issues and Problems</p> <p>BOOK 3 - PRACTICAL WORK IN GEOGRAPHY -II</p> <p>CHAPTER 1</p> <p>Data – Its Source and Compilation</p> <p>CHAPTER 2</p> <p>Data Processing</p> <p>CHAPTER 3</p> <p>Graphical Representation of Data</p> <p>CHAPTER 4</p> <p>Spatial Information Technology</p>
	Psychology	<p>Chapter 1- Variations in Psychological Attributes</p> <p>Chapter 2- Self & Personality</p> <p>Chapter 3- Meeting Life Challenges</p> <p>Chapter 4- Psychological Disorders</p> <p>Chapter 5- Therapeutic Approaches</p> <p>Chapter 6- Attitude & Social Cognition</p> <p>Chapter 7- Social Influence & Group Processes</p>
	Physical Education	<p>UNIT 1 Management of Sporting Events</p> <p>UNIT 2 Children and Women in Sports</p> <p>UNIT 3 Yoga as Preventive measure for Lifestyle Disease</p> <p>UNIT 4 Physical Education & Sports for (CWSN)</p> <p>UNIT 5 Sports & Nutrition</p> <p>UNIT 6 Test and Measurement in Sports</p> <p>UNIT 7 Physiology & Injuries in Sport</p> <p>UNIT 8 Biomechanics and Sports</p> <p>UNIT 9 Psychology and Sports</p> <p>UNIT 10 Training in Sports</p>

	Physics	<p>CHAPTER 1 – ELCTRIC CHARGES AND FIELDS CHAPTER 2 – ELECTROSTATIC POTENTIAL AND CAPACITANCE CHAPTER 3 – CURRENT ELECTRICITY CHAPTER 4 – MOVING CHARGES AND MAGNETISM CHAPTER 5 – MAGNETISM AND MATTER CHAPTER 6 – ELECTROMAGNETIC INDUCTION CHAPTER 7 – ALTERNATING CURRENT CHAPTER 8 – ELECTROMAGNETIC WAVES CHAPTER 9 – RAY OPTICS AND OPTICAL INSTRUMENTS CHAPTER 10 – WAVE OPTICS CHAPTER 11 – DUEL NATURE OF RADIATION AND MATTER CHAPTER 12 – ATOMS CHAPTER 13 – NUCLEL CHAPTER 14 – SEMICONDUCTOR ELECTRONICS : MATERIALS, DEVICES AND SIMPLE CIRCUITS</p>
	Chemistry	<p>Ch1: Solutions Ch 2: Electrochemistry Ch 3 : Chemical Kinetics Ch 4: d and f-block elements Ch 5: Coordination compounds Ch 6: Haloalkanes and haloarenes Ch 7: Alcohols, phenols and Ethers Ch 8: Aldehydes, Ketones and Carboxylic acids Ch 9: Amines Ch 10: Biomolecules</p>
	Biology	<p>Chapter 1 : Sexual Reproduction in Flowering Plants Chapter 2 : Human Reproduction Chapter 3 : Reproductive Health Chapter 4 : Principles of Inheritance and Variation Chapter 5 : Molecular Basis of Inheritance Chapter 6 : Evolution Chapter 7 : Human Health and Disease Chapter 8 : Microbes in Human Welfare Chapter 9 : Biotechnology : Principles and Processes Chapter 10 : Biotechnology and its Applications Chapter 11 : Organisms and Populations Chapter 12 : Ecosystem Chapter 13 : Biodiversity and Conservation</p>
	Mathematics	<p>Ch 1 Relations and Functions Ch 2 Inverse Trigonometric Functions Ch 3 Matrices Ch 4 Determinants Ch 5 Continuity and Differentiability Ch 6 Applications of Derivatives Ch 7 Intergrals Ch 8 Applications of Integration Ch 9 Differential Equations Ch 10 Vector Algebra Ch 11 Three Dimensional Geometry Ch 12 Linear Programming Problem Ch 13 Probability</p>
	Computer Science	<p>Review of Python Basics (XI) Functions & Modules Exception Handling in Python File Handling in Python Data Structure - Stack Database Concepts</p>

	Computer science	Structured Query Language (SQL) Interface Python with MySQL Computer Networks Data Communication Security Aspects Project Based Learning
	Economics	<ul style="list-style-type: none"> - National Income and Related Aggregates - Money and Banking - Determination of Income and Employment - Government Budget and the Economy - Balance of Payments - Development Experience (1947-90) and Economic Reforms since 1991 - Current Challenges facing Indian Economy - Development Experience of India – A Comparison with Neighbours
	Accountancy	Accounting for Partnership: Basic Concepts Reconstitution of a Partnership Firm – Admission of a Partner Reconstitution of a Partnership Firm – Retirement/Death of a Partner Dissolution of Partnership Firm Accounting for Share Capital Issue of Debentures Analysis of Financial Statements Financial Statements of a Company Accounting Ratios Cash Flow Statement
	Business studies	<ol style="list-style-type: none"> 1. Nature and significance of management 2. Principles of management 3. Business Environment 4. Planning 5. Organising 6. Staffing 7. Directing 8. Controlling 9. Financial Management. 10. Financial Market 11. Marketing Management 12. Consumer Protection
	Physical Activity Trainer	Employability Skills Unit 1: Communication Skills-IV Unit 2: Self-management Skills- IV Unit 3: Information and Communication Technology Skills- IV Unit 4: Entrepreneurial Skills- IV Unit 5: Green Skills- IV Subject Specific Skills Unit 1: Overview of Physical Education and Sports Sector Unit 2: Assessment of Students Unit 3: Emergency Management Unit 4: Health and Hygiene in Play Area