

Annual Syllabus 2022-23

CLASS I Subject : English

ENGLISH –MARIGOLD BOOK -1

(NCERT) TEXT BOOK

| First Term | | Second Term | |
|------------|--|-------------|---|
| UNIT-1 | a-A happy child b-Three little Pigs | UNIT-6 | a-If I were an apple b-Our tree |
| UNIT-2 | a-After a bath b-The bubble , the straw and the shoe | UNIT-7 | a-A kite b-Sundari |
| UNIT-3 | a-One little kitten b-Lalu and Peelu | UNIT-8 | a-A little turtle b-The tiger and the mosquito |
| UNIT-4 | a-Once I saw a little bird b-Mittu and the yellow mango | UNIT-9 | a-Clouds b-Anandi's Rainbow |
| UNIT-5 | a-Merry-go-Round b-Circle | UNIT-10 | a-Flying man b-The tailor and his friend |

MATHS MAGIC BOOK -1

Subject : Mathematics

NCERT

| First Term | | Second Term | |
|----------------------------|--|-----------------------------|--|
| 1- Shapes and Space | | 7- Measurement | |
| 2- Numbers from 1 to 100 | | 8- Numbers from 200 to 400 | |
| 3- Addition | | 9- Data Handling | |
| 4- Subtraction | | 10- Patterns | |
| 5- Numbers from 100 to 200 | | 11- Numbers from 400 to 500 | |
| 6- Time Tables | | 12- Money | |
| 7- Tables 2 to 5 | | 13- How Many | |
| | | 14- Tables 6 to 12 | |

| First Term | Second Term |
|--|---|
| 1. झूला 2. आम की कहानी 3. आम की टोकरी 4. पत्ते ही पत्ते 5. पकौड़ी 6. छुक-छुक 7. रसोईघर 8. चूहों! म्याऊँ सो रही है 9. बंदर और गिलहरी 10. पगड़ी 11. पतंग 12. गेंद-बल्ला | 13. बंदर गया खेत में भाग 14. एक बुढ़िया 15. मैं भी 16. लालू और पीलू 17. चकई के चकतुम 18. छोटी का कमाल 19. घार जाने 20. भगदड़ 21. हलीम चला चाँद पर 22. हाथी चल्लम चल्लम 23. सात पूँछ का बूहा |

| First Term | Second Term |
|---|---|
| 1. UNIT - 1 First Day At School Haldi's Adventure 2. UNIT - 2 I Am Lucky! I Want 3. UNIT - 3 A Smile The Wind And The Sun 4. UNIT - 4 Rain Storm In The Garden 5. UNIT - 5 Zoo Manners Funny Bunny | 6. UNIT - 6 Mr Nobody Curlylocks And The Three Bears 7. UNIT - 7 On My Blackboard I Can Draw Make It Shorter 8. UNIT - 8 I Am The Music Man The Mumbai Musicians 9. UNIT - 9 Granny Granny Please Comb My Hair The Magic Porridge Pot 10. UNIT - 10 Strange Talk The Grasshopper And The Ant |

| First Term | Second Term |
|---|---|
| <ol style="list-style-type: none"> What Is Longer, What Is Round? Count In Groups How Much Can You Carry ? Counting In Tens Patterns Footprints Jugs And Mugs <ul style="list-style-type: none"> • Geometrical Shapes • Number Names – 1 To 1,000 • Tables 2 To 12 | <ol style="list-style-type: none"> Tens And Ones My Fun Day Add Our Points Lines And Lines Give And Take The Longest Step Birds Come, Birds Go How Many Ponytails? <ul style="list-style-type: none"> • Geometrical Shapes • Number Names 1,001 To 2,000 • Tables 2 To 15 |

| First Term | Second Term |
|--|---|
| <ol style="list-style-type: none"> ऊँट भला कहियेता मालू ने खेली फुटबल मोड़-मोड़ कहियेता अधिक बलवान कौन दोस्त की मदद बहुत हुआ कविता मेरी किताब | <ol style="list-style-type: none"> तिवली और कली गुलबुल मीठी सारंगी टेसू राजा की बजाजार बस के नीचे बाघ सूरज जल्दी आना जी नटखट बूढ़ा एकही दोकरी |

Class –III**Subject : Hindi****Book : अभ्यास पुस्तिका भाग-3****Publisher : NCERT**

| First Term | Second Term |
|--|---|
| 1. ककशू 2. शोधीबालू मक्खी 3. घोंद वाली अम्मा 4. मन करता है 5. बहादुर बिल्ली 6. हवासे सब कहते 7. टिपटिपवा | 8. बंदर-बाँट 9. कब खार्ज 10. क्यों जी मल और कैसे खैरा लिया 11. नीला बडन और बाघ 12. जब मुझे सोंप ने काटा 13. मिर्च का मजा 14. सबसे अच्छा पैर |

Subject : EVS**Class –III****Book : Looking Around****Publisher : NCERT**

| First Term | Second Term |
|--|---|
| EVS I 1. Poonam's Day Out 2. The Plant Fairy 3. Water O' Water! 4. Our First School 5. Chhotu's House 6. Foods We Eat EVS II 13. Sharing Our Feelings 14. The Story Of Food 15. Making Pots 16. Games We Play 17. Here Comes a Letter 18. A House Like This | EVS I 7. Saying Without Speaking 8. Flying High 9. It's Raining 10. What Is Cooking 11. From Here to There 12. Work We Do EVS II 19. Our Friends – Animals 20. Drop By Drop 21. Families can be Different 22. Left – Right 23. A Beautiful Cloth 24. Web of Life |

Subject : Mathematics**Book : Math-Magic Book 3****Class –III****Publisher : NCERT**

| First Term | Second Term |
|---|---|
| 1. Where to Look From 2. Fun with Numbers 3. Give and Take 4. Long and Short 5. Shapes and Designs 6. Fun with Give and Take 7. Time Goes On..... | 8. Who is Heavier? 9. How Many Times? 10. Play with Patterns 11. Jugs and Mugs 12. Can We Share? 13. Smart Charts! 14. Rupees and Paise |

Subject : English**Book : Marigold Book III****Class –III****Publisher : NCERT**

| First Term | Second Term |
|---|---|
| 1. Unit - 1 Good Morning The Magic Garden 2. Unit - 2 Bird Talk Nina and the Baby Sparrows 3. Unit - 3 Little by Little The Enormous Turnip 4. Unit - 4 Sea Song A Little Fish Story 5. Unit - 5 The Balloon Man The Yellow Butterfly | 1. Unit - 6 Trains The Story of the Road 2. Unit - 7 Puppy and I Little Tiger, Big Tiger 3. Unit - 8 What's in the Mailbox? My Silly Sister 4. Unit - 9 Don't Tell He is my Brother 5. Unit - 10 How Creatures Move The Ship of the Desert |

Class – IV
Subject : English

Book - Marigold Book 4

Publisher : NCERT

| First Term | | Second Term | |
|------------|---|-------------|--|
| Unit – 1 | Wake Up ! Neha's Alarm Clock | UNIT - 6 | The Donkey I Had A Little Pony The Milkman's Cow |
| Unit - 2 | Noses The Little Fir Tree | Unit - 7 | Hiawatha The Scholar's Mother Tongue |
| Unit - 3 | Run! Nasruddin's Aim | Unit - 8 | A Watering Rhyme The Giving Tree |
| Unit - 4 | Why ? Alice In Wonderland | Unit - 9 | Books Going To Buy A Book |
| Unit - 5 | Don't Be Afraid Of The Dark Helen Keller | Unit - 10 | The Naughty Boy Pinocchio |

Class – IV
Subject : Maths

Maths Magic - 4

Publisher : NCERT

| First Term | | Second Term | |
|----------------------------|--|-----------------------------|--|
| 1. Building with Bricks | | 8. Carts and Wheels | |
| 2. Long and Short | | 9. Halves and Quarters | |
| 3. A Trip to Bhopal | | 10. Play with Patterns | |
| 4. Tick Tick Tick | | 11. Tables and Shares | |
| 5. The Way The World Looks | | 12. How Heavy ? How Light ? | |
| 6. The Junk Seller | | 13. Fields and Fences | |
| 7. Jugs and Mugs | | 14. Smart Charts | |

Class – IV
Subject : EVS

Looking Around

Subject : Environmental Studies

Publisher : NCERT

| First Term | Second Term |
|--|--|
| <p align="center">EVS I</p> <ol style="list-style-type: none"> 1. Going to School 2. Ear to Ear 3. A day with Nandu 4. The Story of Amrita 5. Anita and the Honeybees 6. Omana's Journey 7. From the Window <p align="center">EVS II</p> <ol style="list-style-type: none"> 15. From Market to Home 16. A Busy Month 17. Nandita in Mumbai 18. Too Much Water, Too Little Water 19. Abdul in the Garden 20. Eating Together | <p align="center">EVS I</p> <ol style="list-style-type: none"> 8. Reaching Grandmother's House 9. Changing Families 10. Hu Tu Tu, Hu Tu Tu 11. The Valley of Flowers 12. Changing Times 13. A River's Tale 14. Basva's Farm <p align="center">EVS II</p> <ol style="list-style-type: none"> 21. Food and Fun 22. The World in my Home 23. Pochampalli 24. Home and Abroad 25. Spicy Riddles 26. Defence Officer: Wahida 27. Chuskit Goes to School |

Class : IV
Subject : Hindi

Book : रिमझिम भाग-4

Publisher : NCERT

| First Term | Second Term |
|---|---|
| <ol style="list-style-type: none"> 1. मन के भीले-भाँले बादल 2. जैसा सवाल वैसा जवाब 3. किरमिय की गैद 4. पापा जब बच्चे थे 5. दोस्त की पोशाक 6. गाव बनाओ गाव बनाओ 7. बान का हियाब | <ol style="list-style-type: none"> 8. वीग ? 9. स्वतंत्रता की और 10. थप्प रोटी थप्प दाल 11. पडक्क की सूझ 12. सुनीता की पहिया कुर्सी 13. हुपहुप 14. मुफ्त ही मुफ्त |

Class – V

Subject : English - Marigold, Book 5

Publisher : NCERT

| First Term | | Second Term | |
|-----------------|--|------------------|---|
| UNIT - 1 | Ice-Cream Man Wonderful Waste! | UNIT - 6 | Class Discussion The Talkative Barber |
| UNIT - 2 | Team Work Flying Together | UNIT - 7 | Topsy-Turvy Land Gulliver's Travels |
| UNIT - 3 | My Shadow Robin Son Crusoe (Discovers A Footprint) | UNIT - 8 | Nobody's Friend The Little Bully |
| UNIT - 4 | Crying My Elder Brother | UNIT - 9 | Sing A Song Of People Around The World |
| UNIT - 5 | The Lazy Frog Rip Van Winkle | UNIT - 10 | Malu Bhalu Who Will Be Ningthou? |

Class –V

Book : अभ्यास पुस्तिका भाग-4

Subject : Hindi

Publisher : NCERT

| First Term | | Second Term | |
|---|--|-----------------------|--|
| 1. राख की रक्खी | | 10. एक दिन जी बादशाहत | |
| 2. फसलों के त्यौहार | | 11. बादल की रटियाँ | |
| 3. खिलीने बाला | | 12. गुरु और चेला | |
| 4. नन्हा फनकार | | 13. स्वामी की दादी | |
| 5. जहाँ चाह वहाँ राह | | 14. बाघ आया उस रात | |
| 6. चिट्ठी का सफर | | 15. बिरान की दिलेरी | |
| 7. डाकिये की कहानी, कुंवरसिंह की जुबानी | | 16. पानी रे पानी | |
| 8. ये दिन भी क्या दिन थे। | | 17. छोटी सी हमारी नदी | |
| 9. एक गों की बेवसी | | 18. चुनौती हिमालय की | |

Class – V**Subject : Maths Magic Book 5****Subject : Mathematics****Publisher : NCERT**

| First Term | Second Term |
|---|--|
| 1. The Fish Tale 2. Shapes and Angles 3. How Many Squares? 4. Parts and Wholes 5. Does It Look the Same? 6. Be My Multiple, I'll be Your Factor 7. Can You See The Pattern? | 8. Mapping Your Way 9. Boxes And Sketches 10. Tenths and Hundredths 11. Area and Its Boundary 12. Smart Charts 13. Ways to Multiply and Divide 14. How Big? How Heavy? |

Class – V**Looking Around****Subject : Environmental Studies****Publisher : NCERT**

| First Term | Second Term |
|--|---|
| EVS I 1. Super Senses 2. A Snake Charmer's Story 3. From Tasting to Digesting 4. Mangoes Round the Year 5. Seeds and Seeds EVS II 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 | EVS I 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 EVS II 18. No Place for Us? 19. A Seed tells a Farmer's Story 20. Whose Forests? 21. Like Father, Like Daughter 22. On the Move Again |

Class –VI

हिंदी - साहित्य बसंत भाग - 1

Publisher : NCERT

| First Term | | Second Term | |
|------------------------------|-----------|----------------------------|----------|
| 1. वह चिड़िया जो | (कविता) | 9. टिकट – अलबम | (कहानी) |
| 2. बचपन | (संस्मरण) | 10. झाँसी की रानी | (कविता) |
| 3. नादान दोस्त | (कहानी) | 11. जो देखकर भी नहीं देखते | (निबंध) |
| 4. चोंद से थोड़ी – सी गप्पें | (कविता) | 12. संसार पुस्तक है | (पत्र) |
| 5. अक्षरों का महत्व | (निबंध) | 13. मैं सबसे छोटी होऊँ | (कविता) |
| 6. पार नजर के | (कहानी) | 14. लोकगीत | (निबंध) |
| 7. साथी हाथ बढ़ाना | (गीत) | 15. नौकर | (निबंध) |
| 8. ऐसे – ऐसे | (एकांकी) | 16. वन के मार्ग में | (कविता) |
| | | 17. साँस-साँस में बाँस | (निबन्ध) |

Class –VI

संस्कृत - रुचिरा भाग - १

| First Term | Second Term |
|---------------------------------|--------------------------------------|
| प्रथम पाठः — शब्द परिचयः-1 | नवमः पाठः — क्रीडास्पर्धा |
| द्वितीयः पाठः — शब्द परिचयः-2 | दशमः पाठः — कृषिकाः कर्मवीराः |
| तृतीयः पाठः — शब्द परिचयः-3 | एकादशः पाठः — पुष्पोत्सवः |
| चतुर्थः पाठः — विद्यालयः | द्वादशः पाठः — दशमः त्वम् अस्मि |
| पंचमः पाठः — वृक्षाः | त्रयोदशः पाठः — विमानयानं रचयाम |
| षष्ठः पाठः — समुद्रतटः | चतुर्दशः पाठः — अहह आः च |
| सप्तमः पाठः — वक्रस्य प्रतीकारः | पंचदशः पाठः — मातुलचन्द्र (बालगीतम्) |
| अष्टमः पाठः — सूक्तिस्तवकः | व्याकरण |
| व्याकरण | शब्द रूप — बालिका |
| शब्द रूपः— बालक | धातु रूप — पठ् |
| धातु रूपः— पठ् | लङ्लकार |
| लट् लकार एवं लृटलकार | |

CLASS - VI
SUBJECT - ENGLISH

| FIRST TERM | SECOND TERM |
|---|---|
| 1. Who Did Patrick's Homework ? A House ,A Home 2. How The Dog Found Himself A New Master! The Kite 3. Taro's Reward The Quarrel 4. An Indian - American Woman In Space: Kalpana Chawla Beauty 5. A Different Kind Of School Where Do All The Teachers Go ? | 6. Who I Am The Wonderful Words 7. Fair Play 8. A Game Of Chance Vocation 9. Desert Animals Whatif 10. The Banyan Tree |

SYLLABUS OF MATHS FOR CLASS VI

| FIRST TERM | SECOND TERM |
|--|---|
| 1. Knowing our Numbers 2. Whole Numbers 3. Playing with numbers 4. Basic geometrical Ideas 5. Understanding Elementary Shapes 6. Integers 14. Practical geometry | 7. Fractions 8. Decimals 9. Data handling 10. Mensuration 11. Algebra 12. Ratio and Proportion 13. Symmetry |

SYLLABUS FOR CLASS VI - SCIENCE

BOOK : SCIENCE

(NCERT)

| FIRST TERM | SECOND TERM |
|--|---|
| <ol style="list-style-type: none"> Food:where Does It Comes From Components Of Food Fibre To Fabric Sorting Materials Into Groups Separation Of Substances Changes Around Us Getting To Know Plants Body Movements | <ol style="list-style-type: none"> The Living Organisms And Their Surroundings Motion And Measurement Of distances Light,shadow And Reflection Electricity And Circuits Fun With Magnets Water Air Around Us Garbage In Garbage Out |

SYLLABUS FOR CLASS VI SUBJECT – SOCIAL SCIENCE

| FIRST TERM | SECOND TERM |
|---|--|
| HISTORY : <ol style="list-style-type: none"> What ,where, how and when From gathering to growing food In the earliest cities What books and burials tell us? Kingdoms, kings and an early republic GEOGRAPHY <ol style="list-style-type: none"> The earth in the solar system Globe : latitudes and longitudes Motion of the earth Maps CIVICS <ol style="list-style-type: none"> Understanding diversity Diversity and discrimination What is government? Key element of democratic government | HISTORY : <ol style="list-style-type: none"> New questions and ideas Ashoka , the emperor who gave up war Vital villages, thriving towns Traders, kings and pilgrims New empires and kingdoms Building paintings and books GEOGRAPHY <ol style="list-style-type: none"> Major domains of the earth Major landforms of the earth Our country India India : climate vegetation and wildlife CIVICS <ol style="list-style-type: none"> Panchayati Raj Rural administration Urban administration Rural livelihoods Urban livelihoods |

Class – VII
Subject : English

Book: Honey Comb,

NCERT

| First Term | Second Term |
|--|--|
| 1. Three Questions The Squirrel 2. A gift of Chappals The Rebel 3. Gopal and the Hilsa Fish The Shed 4. The Ashes That Made Trees Bloom Chivvy 5. Quality Trees | 6. Expert Detectives Mystery of the Talking Fan 7. The Invention of Vita-Work Dad and the Cat and the Tree 8. Fire : Friend and Foe Meadow Surprises 9. A Bicycle in Good Repair Garden Snake 10. The Story of Cricket |

Class – VII
Subject : Maths

| First Term | Second Term |
|---|---|
| 1. Integers 2. Fraction and Decimals 4. Simple Equation 5. Lines and Angles 6. The Triangle and its properties 9. Rational Numbers 13. Exponents and powers 14. Symmetry | 3. Data handling 7. Congruence of triangles 8. Comparing quantities 10. Practical Geometry 11. Perimeter and Area 12. Algebraic expression 15. Visualising Solid Shapes |

**Class –VII
Hindi**

हिन्दी साहित्य बसंत भाग-2

| First Term | Second Term |
|-----------------------------------|--|
| 1. हम पछी सम्बुक्त गगन के (कविता) | 11. रहीं के रोडे (कविता) |
| 2. दादी भी (कहानी) | 12. कच्चा (कहानी) |
| 3. हिमालय की बेटियाँ (निबंध) | 13. एक तेनका (कविता) |
| 4. कलपुराली (कविता) | 14. खानपान की बदलती तसवीर |
| 5. मिटाईवाला (कहानी) | 15. नीलकंठ (रैखाचित्र) |
| 6. रक्त और हमारा शरीर (निबंध) | 16. मोर और बरखा (कविता) |
| 7. पापा खो गए (नाटक) | 17. बीर कुंवर सिंह (जीवनी) |
| 8. शाम – एक किरान (कविता) | 18. संघर्ष के कारण मैं तुम्हें भिजाऊ हूँ गया (संवाक्य) |
| 9. चिड़िया की बच्ची (कहानी) | 19. आश्विन का अनुमानित व्यय |
| 10. अर्पण अनुभव (संस्मरण) | 20. बिलव – गायन (कविता) |

**Class –VII
Subject : Sanskrit**

रुचिरा द्वितीयो गगः

| First Term | Second Term |
|---|---|
| 1. प्रथमः पाठः – सुभाषितानि | 1. नवमः पाठः – अहर्निषि विद्यालयं समिधामि |
| 2. द्वितीयः पाठः – दुर्बुद्धिः विनश्यति | 2. दशमः पाठः – विश्वबन्धुत्वम् |
| 3. तृतीयः पाठः – स्वावलम्बनम् | 3. एकादशः पाठः – रामायणे हि दुर्जयः |
| 4. चतुर्थः पाठः – हारयवाहकविरामेलनम् | 4. द्वादशः पाठः – विद्याधनम् |
| 5. पञ्चमः पाठः – पश्चिमा रम्भाई | 5. त्रयोदशः पाठः – अमृतं संस्कृतम् |
| 6. षष्ठः पाठः – सदाचारः | 6. चतुर्दशः पाठः – अनादिकायाः विज्ञाता |
| 7. सप्तमः पाठः – सङ्कलनः सिद्धिदायकः | 7. पञ्चदशः पाठः – लाक्षण्यगीतम् |
| 8. अष्टमः पाठः – त्रिवर्षः ध्वजः | 8. षोडशः पाठः – वर्णविचारः कारकम् |
| व्याकरण | शब्दरूपाणि धातुरूपाणि च |
| धातु रूप – भव् | धातु रूप – भव् भू भृ |
| शब्द रूप – बालकः | शब्द रूप – बालिका |
| लट् लकारः (वर्तमान कालः) | लट् लकारः (भूतकालः) |
| लृट् लकारः (भविष्यत् कालः) | |

Class – VII
Subject : Social Science

| First Term | Second Term |
|--|--|
| HISTORY 1. Tracing Changes through a thousand years 2. New King and Kingdoms 3. The Delhi Sultans 4. The Mughal Empire 5. Rulers and Buildings GEOGRAPHY 1. Environment 2. Inside our earth 3. Our Changing earth 4. Air 5. Water | HISTORY 6. Towns, traders and crafts person 7. Tribes, nomads and settled communities 8. Devotional paths to the divine 9. The making of regional cultures 10. Eighteenth-century political formations GEOGRAPHY 6. Natural vegetation and wildlife 7. Human environment-settlement, transport and communication 8. Human environment interactions: The tropical and the subtropical region 9. Life in the Deserts |

Class – VII
Subject : Social Science

| First Term | Second Term |
|---|--|
| SOCIAL AND POLITICAL LIFE-II 1. On equality 2. Role of the government in health 3. How the state government works 4. Growing up as boys and girls 5. Women change the world | SOCIAL AND POLITICAL LIFE-II 6. Understanding media 7. Markets around us 8. A shirt in the market 9. Struggles for equality |

Class – VII
Subject : Science

| First Term | | Second Term | |
|-------------------|--|--------------------|--------------------------------------|
| Chapter 1 | Nutrition in Plants | Chapter 10 | Respiration in Organism |
| Chapter 2 | Nutrition in Animals | Chapter 11 | Transportation in Animals and Plants |
| Chapter 3 | Fibre to Fabric | Chapter 12 | Reproduction in Plants |
| Chapter 4 | Heat | Chapter 13 | Motion and Time |
| Chapter 5 | Acids, bases and Salts | Chapter 14 | Electric Currents and its Effects |
| Chapter 6 | Physical and Chemical Changes | Chapter 15 | Light |
| Chapter 7 | Weather, Climate and Adaptations of Animals to Climate | Chapter 16 | Water: A Precious Resources |
| Chapter 8 | Winds, Storms and Cyclones | Chapter 17 | Forests: Our Lifeline |
| Chapter 9 | Soil | Chapter 18 | Waste Water Story |

Class –VIII
Subject : Hindi

हिंदी साहित्य बसंत भाग-3

| First Term | | Second Term | |
|----------------------------|---------|-----------------------------|-------------|
| 1. ध्वनि | (कविता) | 10. कामचोर | (कहानी) |
| 2. लाख की थुड़ियाँ | (कहानी) | 11. जब सिनेमा ने बोलना सीखा | |
| 3. इस की यात्रा | (काव्य) | 12. सुदामा बरिस | (कविता) |
| 4. दीवानों की हस्ती | (कविता) | 13. जहाँ पहिया है | (रिपोर्ताज) |
| 5. पिटियों की जगूरी दुनिया | (निबंध) | 14. अकबरी लोटा | (कहानी) |
| 6. भगवान के लविर | (कविता) | 15. सूर के पद | (कविता) |
| 7. क्या निराशा हुआ जातू | (निबंध) | 16. पानी की कहानी | (निबंध) |
| 8. यह सबसे कठिन समय नहीं | (कविता) | 17. बाज और साँप | (कहानी) |
| 9. कबीर की सादेखाँ | (कविता) | 18. टोपी | (कहानी) |

Class –VIII

संस्कृत – रूचिरा भाग – 3

| First Term | | Second Term | |
|--------------------|-------------------------------|--------------------|-----------------------------|
| 1. प्रथमः पाठः – | सुभाषितानि | 1. नवमः पाठः – | सप्तमगिन्यः |
| 2. द्वितीयः पाठः – | बिलस्य वाणी न कदापि मे श्रुता | 2. दशमः पाठः – | नीति नवनीतम् |
| 3. तृतीयः पाठः – | डिजीभारतम् | 3. एकादशः पाठः – | सावित्री बाई फुले |
| 4. चतुर्थः पाठः – | सदैव पुरता निघेहे चरणम् | 4. द्वादशः पाठः – | कः रक्षति कः रक्षितः |
| 5. पञ्चमः पाठः – | कण्टकेनैव कण्टकम् | 5. त्रयोदशः पाठः – | क्षितौ राजते भारतस्वर्णभूमि |
| 6. षष्ठः पाठः – | गृहं शून्यं सुतां विना | 6. चतुर्दशः पाठः – | आर्यभटः |
| 7. सप्तमः पाठः – | भारतजनताडहम् | 7. पञ्चदशः पाठः – | प्रहलिकाः |
| 8. अष्टमः पाठः – | संसारसागरस्य नायकाः | | |
| व्याकरण | धातु रूप – | व्याकरण | |
| | खाद् (खाना) लोट् लकारः | 1. धातु रूप – | खाद्, इप् |
| | इज् (इच्छा करना) | | विधि लिग |
| | शब्द रूप – अस्मद्/मात् माता | 2. शब्द रूप – | युष्मद् |
| | | | राजन (राजा) |

BOOK NAME- HONEY DEW (LITERATURE)

| FIRST TERM | | SECOND TERM | |
|-------------------|---|--------------------|--------------------------------|
| L-1 | The Best Christmas Present Of The World | L-6 | This Is Jody's Fawn |
| | The Ant And The Cricket | | The Duck And The Kangaroo |
| L-2 | The Tsunami | L-7 | A Visit To Cambridge |
| | Geography Lesson | | When I Set Out For Lyonesse |
| L-3 | Glimpses Of The Past | L-8 | A Short Monsoon Diary |
| | Macavity : The Mystery Cat | | On The Grasshopper And Cricket |
| L-4 | Bepin Choudhury's Lapse Of Memory | L-9 | The Great Stone Face-I |
| | The Last Bargain | L-10 | The Great Stone Face-II |
| L-5 | The Summit Within | | |
| | The School Boy | | |

BOOK : SCIENCE(NCERT)

| FIRST TERM | | SECOND TERM | |
|-------------------|------------------------------------|--------------------|--------------------------------------|
| 1. | Crop Production And Management | 10. | Reaching The Age Of Adolescence |
| 2. | Microorganisms:friend Or Foe | 11. | Force And Pressure |
| 3. | Synthetic Fibres And Plastics | 12. | Friction |
| 4. | Materials –metals And Non-metals | 13. | Sound |
| 5. | Coal And Petroleum | 14. | Chemical Effects Of Electric Current |
| 6. | Combustion And Flame | 15. | Some Natural Phenomena |
| 7. | Conservation Of Plants And Animals | 16. | Light |
| 8. | Cell-structure And Functions | 17. | Stars And The Solar System |
| 9. | Reproduction In Animals | 18. | Pollution Of Air And Water |

CLASS VIII
SUB- SOCIAL SCIENCE

| TERM- I HISTORY 1. How, When, Where 2. From Trade to Territory (The company establishes power) 3. Ruling the country side 4. Tribals , Dikus and the Vision of a golden age. 5. When people rebel 1857 and after GEOGRAPHY 1. Resources 2. Land, Soil, Water, Natural vegetation & Wild Life Resources 3. Minerals and Power Resources CIVICS Unit - I The Indian Constitution & Secularism Chapter 1. The Indian Constitution Chapter 2. Understanding Secularism Unit II Two Parliament and The Making of Laws Chapter 3. Why do we need a parliament Chapter 4. Understanding Laws UNIT III The Judiciary Chapter 5. Judiciary Chapter 6. Understanding our criminal Justice System | TERM II HISTORY 1. Weavers, Iron Smelters and Factory Owners 2. Civilising the Native, Educating the Nation 3. Woman, Caste and Reform 4. The Making Of The National Movement (1870-1947) 5. India After Independence GEOGRAPHY 1. Agriculture 2. Industries 3. Human Resources CIVICS Unit IV Social Justice and The Marginalised Chapter 7. Understanding Marginalisation Chapter 8. Confronting Marginalisation Unit V Economic Presence of the Government Chapter 9. Public Facilities Chapter 10. Law and Social Justice |
|--|--|

FIRST TERM

SECOND TERM

Syllabus for Class IX Session 2022-23
ENGLISH

| Month | I Term (Beehive) | I Term (Moments) | Writing & Grammar |
|---------------|---|--|--|
| April to July | UNIT – I The Fun they had The Road Not Taken UNIT – II The sound of Music Wind | 1. The Lost Child 2. The Adventure of Toto | Dairy Entry, Descriptive Paragraph Tenses Modals, Gap filling exercises Subject Verb Concord, Editing exercises Story Writing Reported Speech, Determiners; Integrated grammar exercises and comprehension passage |
| | Periodic Test - 1 | | |
| August | UNIT – III The Little Girl Rain on the Roof UNIT- IV A truly Beautiful Mind The Lake Isle of Innisfree | 3. Ishwaran the story teller 4. In the kingdom of fools | |
| | Periodic Test - 2 | | |
| September | UNIT – V The Snake and the Mirror A Legend of the Northland | 5. The Happy Prince | |
| | Half Yearly Examination | | |

Syllabus for Class IX Session 2022-23
ENGLISH

| Month | II Term (Beehive) | II Term (Moments) | Grammar |
|--------------------|---|--------------------------|--|
| October | UNIT – VI My Childhood No Men Are Foreign | 6. The Last leaf | Integrated Grammar Exercises Integrated Grammar Exercises |
| November | UNIT - VII Reach for the Top On killing a Tree | 7. A House is not a Home | |
| Periodic Test - 3 | | | |
| December | UNIT VIII Kathmandu A Slumber Did My Spirit Seal | 8. The Beggar | |
| Periodic Test - 4 | | | |
| January | UNIT - IX If I were you | | |
| Annual Examination | | | |

Syllabus for Class IX Session 2022-23
HINDI

| Month | I Term (खिलिज) | I Term (कृतिका) | व्याकरण |
|--------------------------|--|-------------------------|---|
| April to July | 1. प्रेमचंद - दो त्रैलोक्य की कथा 9. कबीर - साखियाँ एवं स्रष्टा 2. राहुल सांकृत्यायन - लहासा की ओर 3. उपभोक्तावाद की संस्कृति - श्यामाचरण 10. लल्लु - चाख 11. सबैये - रसखान | पाठ 1 - इस जल प्रलय में | 1. शब्द निर्माण - उपसर्ग प्रत्यय समास 3. अर्थ के आधार पर वाक्य भेद अनुच्छेद लेखन |
| Periodic Test - 2 | | | 4. अलंकार |
| August | 3. जाविर हुसैन - सौंदर्य सपनों की याद 12. माखनलाल चतुर्वेदी - कंदी और कोकिला पाठ-2 मेरे संग की औरतें (मृदुला गर्ग) | | पत्र लेखन संवाद लेखन लघु कथा लेखन ई-मेल संदेश लेखन सूचना लेखन |
| September | Half Yearly Examination | | |

Syllabus for Class IX Session 2022-23
HINDI

| Month | II Term (खिलिज) | II Term (कृतिका) | व्याकरण |
|---------------------------|--|------------------------------|---|
| October to November | 13. ग्राम श्री (सुमित्रानंदन पंत) 15. मेघ आए 6. प्रेमचंद के फटे जूते (हरिशंकर परिसाई) 7. मेरे बचपन के दिन (महादेवी वर्मा) | 3. रीढ़ की हड्डी (जगदीश चंद) | 1. शब्द निर्माण - उपसर्ग प्रत्यय समास 3. अर्थ के आधार पर वाक्य भेद अनुच्छेद लेखन |
| Periodic Test - 3 | | | 4. अलंकार |
| December | 17. बच्चे काम पर जा रहे हैं (राजेश जोशी) | | पत्र लेखन संवाद लेखन कथा लेखन |
| January | पुनरावृत्ति कार्य | | लघु कथा लेखन ई-मेल संदेश लेखन सूचना लेखन |
| Annual Examination | | | |

Syllabus for Class IX Session 2022-23
Mathematics

| Month | Book | Chapter No. & Name | Activity |
|-------|-----------------------------------|--|--|
| April | NCERT, R.S.Agarwal, R.D.Sharma | Chapter 1 : Number system 1.1 Introduction 1.3 Irrational Numbers 1.3 Real Numbers and their decimal expansions 1.4 Representing Real numbers and number line 1.5 Operation on real numbers 1.6 Laws of Exponents for real numbers Chapter 3: Coordinate Geometry 3.1 Introduction 3.2 Cartesian System 3.3 Plotting a point in plain if its coordinates are given | PRACTICAL BOOK OF MATHEMATICS ACTIVITY 10 PRACTICAL BOOK OF MATHEMATICS ACTIVITY 21 |
| May | NCERT, R.S.Agarwal, R.D.Sharma | Chapter 2: Polynomials 2.1 Introduction 2.2 Polynomials in one variable 2.3 Zeros of polynomial 2.4 Remainder Theorem 2.5 Factorisation of Polynomials 2.6 Algebraic Identities | PRACTICAL BOOK OF MATHEMATICS ACTIVITY 6, 7 |
| | | Periodic Test - 1 and 3 | |

Syllabus for Class IX Session 2022-23
Mathematics

| Month | Book | Chapter No. & Name | Activity |
|-------|------|--|---|
| June | | Summer break | Project: Complete activity 8 and 9,11 in PRACTICAL BOOK OF MATHEMATICS |
| July | | Chapter 4 : Linear equation in Two variable 4.1 Introduction 4.2 Linear Equation 4.3 Solution of Linear Equation 4.4 Graph of an Linear Equation in two variables 4.5 Equations of line Parallel to x axis and y axis Chapter 5 : Introduction of Euclid's geometry 5.1 Introduction 5.2 Euclid's Definitions, Axioms and Postulates 5.3 Equivalent versions of Euclid's fifth postulates | PRACTICAL BOOK OF MATHEMATICS PROJECT WORK: 9 |

Syllabus for Class IX Session 2022-23
Mathematics

| Month | Book | Chapter No. & Name | Activity |
|-----------|------|--|---|
| August | | Chapter 6 : Lines and angles 6.1 Introduction 6.2 Basic terms and Definitions 6.3 Intersecting and Non- intersecting lines 6.4 Pairs of Angles 6.5 Parallel lines and transversal 6.6 Lines parallel to the same Line | |
| | | Periodic Test - 2 and 4 | |
| September | | Chapter 12 : Heron's formula 12.1 Introduction 12.2 Area of a Triangle by Heron's formula | |
| | | Term - 1 | |
| October | | Chapter 7: Triangle 7.1 Introduction 7.2 Congruence of Triangles 7.3 Criteria for Congruence of Triangle 7.4 Properties of Triangle 7.5 Some more criteria for congruence of triangles 7.6 Inequalities in triangle | PRACTICAL BOOK OF MATHEMATICS ACTIVITY 4,5 (Congruency of triangle) |

Syllabus for Class IX Session 2022-23
Mathematics

| Month | Book | Chapter No. & Name | Activity |
|----------|------|--|--|
| November | | Chapter 8 : Quadrilateral 8.1 Introduction 8.2 Angle sum property of a quadrilateral 8.3 Types of Quadrilateral 8.4 Properties of Parallelogram 8.5 Another condition for a quadrilateral to be a parallelogram 8.6 The mid-point theorem | PRACTICAL BOOK OF MATHEMATICS ACTIVITY 2 (Area of quadrilateral) |
| | | Periodic Test - 3, 7 and 8 | |
| December | | Chapter 13 : Surface Area and Volume 13.1 Introduction 13.2 Surface area of a Cuboid and Cube 13.3 Surface Area of a Right Circular Cylinder 13.4 Surface Area of Right Circular Cone 13.5 Surface Area of a Sphere 13.6 Volume of Cuboid 13.7 Volume of Cylinder 13.8 Volume of Right Circular Cone 13.9 Volume of Sphere | PRACTICAL BOOK OF MATHEMATICS ACTIVITY 12 and 13 |

Syllabus for Class IX Session 2022-23
Mathematics

| Month | Book | Chapter No. & Name | Activity |
|----------|------|--|--|
| January | | Chapter 14 : Statistics 14.1 Introduction 14.2 Collection of data 14.3 Presentation of data 14.4 Graphical representation of data | PRACTICAL BOOK OF MATHEMATICS ACTIVITY 31 |
| February | | Chapter 10: Circles 10.1 Introduction 10.2 Circles and its Related terms 10.3 Angle Subtended by a chord at a point 10.4 Perpendicular from the centre to the chord 10.5 Circle through three points 10.6 Equal chords and their distance from their centre 10.7 Angle subtended by the Arc of a Circle 10.8 Cyclic Quadrilateral | PRACTICAL BOOK OF MATHEMATICS ACTIVITY 24 |
| March | | Revision | |
| | | Term - 2 | |
| | | | |

Syllabus for Class IX Session 2022-23
PHYSICAL AND HEALTH EDUCATION

| Periodic Assessment-I | Term-I | Periodic Assessment-II | Term-II |
|--|--|--|---|
| Strand 1 Games/Sports 3.1 Athletics/Swimming Activity 1-7 | Strand 1 Games/Sports 3.1 Athletics/Swimming Activity 1-7 3.2 Team Game Activity 8-24 3.3 Individual Games Activity 25-29 3.4 Adventure Sports Activity 30-31 | Strand 2 Health And Fitness Activity 32-34 | Strand 2 Health And Fitness Activity 32-34 Strand 3 Sewa Guidelines, Forms and assessments Project 1-17 Strand 4 Health and Activity Card |

Syllabus for Class IX Session 2022-23
SOCIAL SCIENCE

| Month | Book | Chapter No. & Name | Activity |
|---------------------------|--------------------------------|---|---|
| April | History Economics | Ch.1 The French Revolution Ch.1 The Story of Village Palampur | Students will make a crop chart based on cropping seasons |
| May | Political Science Geography | Ch.1 What is Democracy? Why Democracy Ch.1 India-Size and Location | Students will mark all states along with their capital on an outline map on India |
| Periodic Test - 1 | | | |
| July | History Geography | Ch.2 Socialism in Europe and the Russian Revolution Ch.2 Physical Feature of India | Students will mark mountain range, peaks, plateaus and coastal plains on an outline map of India |
| August | Political Science Economics | Ch.2 Constitutional Design Ch.2 People as Resource | Students will make a comparative report on the constitution of India and South Africa |
| September | Geography Political Science | Ch.3 Drainage Ch.3 Electoral Politics | Students will conduct class representative election in their class to understand the election procedures practically. |
| Term 1 Examination | | | |
| | | | |

Syllabus for Class IX Session 2022-23
SOCIAL SCIENCE

| Month | Book | Chapter No. & Name | Activity |
|--------------------------|---|---|--|
| October | History Geography | Ch.4 Forest Society and Colonialism Ch.5 Natural Vegetation and wildlife | Students will make a collage based on natural vegetation found in India. |
| November | Political Science Economics | Ch 4 Working of Institution Ch 3 Poverty as a Challenges | Students will form groups and collectively give presentation on the working institution. |
| Periodic Test - 2 | | | |
| December | History Geography Economics | Ch 3 Nazism and the Rise of Hitler Ch 4 Climate Ch.4 Food Security in India | Students will make a chart based on factors affecting India's climate. |
| Periodic Test - 3 | | | |
| January | Political Science History Geography | Ch 5 Democratic Rights Ch 5 Pastoralists in the Modern World Population | Students will make a chart based on Fundamental Rights. |
| February | Annual Examination | | |
| | | | |

Syllabus for Class IX Session 2022-23
SCIENCE

| Month | Subject | Chapter No. & Name | Activity/Practical |
|--------------------------|--|---|--|
| April | 1. Physics 2. Chemistry 3. Biology | 1. Motion (Physics) 2. Matter in our surroundings (Chemistry) 3. Fundamental unit of life (Biology) | Class Test Preparation of true solution of common salt, sugar and alum Preparation of suspension of soil, chalk powder and fine sand in water Colloidal solution of starch in water and egg albumin in water. |
| Periodic Test - 1 | | | |
| May | 1. Physics 2. Chemistry 3. Biology | 1. Motion (Physics) 2. Matter in our surroundings (Chemistry) 3. Fundamental unit of life (Biology) | Preparation of stained temporary mounts of a) onion peel, human cheek cells observation and draw their labelled diagrams. |
| July | 1. Physics 2. Chemistry 3. Biology | 1. Force and Newton's law (Physics) 2. Is matter in our surroundings (Chemistry) 3. Tissues (Biology) | Class test Preparation of a) A mixture b) A compound using iron filings and sulphur powder |
| August | 1. Physics 2. Chemistry | 1. Gravitation (physics) 2. Is matter in our surroundings (chemistry) | Identification of parenchyma, collenchyma and sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibres and nerve cells in animals. |

Syllabus for Class IX Session 2022-23
SCIENCE

| Month | Subject | Chapter No. & Name | Activity/Practical |
|------------------|--|--|---|
| | 3. Biology | 3. Tissues (biology) | from prepared slides. Draw their labelled diagrams. Perform the following reaction and classify them as physical or chemical changes: A) Iron with copper sulphate solution in water B) Burning of magnesium ribbon in air C) Zinc with dilute sulphuric acid D) Heating of copper sulphate crystals E) Sodium sulphate with barium chloride in the form of their solution in water |
| September | Revision (Half Yearly Examination) | | |
| October | 1. Physics 2. Chemistry 3. Biology | 1. Floatation (Physics) 2. Atoms and molecule (Chemistry) 3. Improvement of food Resources (Biology) | Determination of density of solid by using a spring balance and measuring cylinder. Given work assignment |

Syllabus for Class IX Session 2022-23
SCIENCE

| Month | Subject | Chapter No. & Name | Activity/Practical |
|--------------------------|--|---|--|
| Periodic Test - 1 | | | |
| November | 1. Physics 2. Chemistry 3. Biology | 1. Work and Energy and Power 2. Atoms and molecule (Chemistry) 3. Improvement of food Resources (Biology) | Establishing the relation between the loss in weight of a solid when fully immersed in a) Tap water b) Strongly salty water with the weight of displaced by it taking at least two different solids. |
| December | 1. Physics 2. Chemistry 3. Biology | 1. Sound (Physics) 2. Structure of atom (Chemistry) 3. Natural resources (Biology) (Internal Assessment) | Assignment on natural resources Verification of the laws of reflection of sound. Determination of melting point of ice and the boiling point of water. |
| Periodic Test - 3 | | | |
| January | 1. Physics 2. Chemistry 3. Biology | 1. Sound (Physics) 2. Structure of atom (Chemistry) 3. Natural resources (Biology) | Determination of the speed of a pulse propagated through a stretched string. Verification of the law of conservation of mass in a chemical reaction. |
| February | | Annual Examination | |

Syllabus for Class IX Session 2022-23
INFORMATION TECHNOLOGY (402)

| Month | Unit Name | Practical |
|------------------|---|--|
| April | UNIT No.1A : Communication Skills-I UNIT No.2A : Self- Management Skills-I | 1) Draw communication cycle 2) PPT on 7Cs of Communication 1) Block diagram of self-management skills |
| May | UNIT No.1B : Introduction to IT-Ties Industry | |
| | Periodic Assessment – I 20Marks | |
| July | UNIT No. 3A : ICT Skills | 1) Desktop operations(pinning program, automatically hide the taskbar) 2) Create email account and send mail. |
| August | UNIT No.4A : Entrepreneurial Skills UNIT No.5A : Green Skills | 1) Search and write about any five successful entrepreneurs. |
| September | Half Yearly Examination - 50Marks | |
| October | UNIT No.2B : Data entry and Keyboarding Skills | 1) Write a paragraph and format in word |
| November | UNIT No.3B : Digital Documentation UNIT No.4B : Electronic Spreadsheet | 1) Create your Bio- Data it should have your name, address, email address, DOB, nationality, Language known etc. |
| December | Periodic Assessment –II 20Marks | |
| January | UNIT No.5B : Digital Presentation | 1) Prepare a PPT on "my future". (use maximum features of PowerPoint) |
| February | Final Examination - 50Marks | |

Syllabus for Class X Session 2022-23
ENGLISH

| Month | Book Name | Chapter Name | Activity |
|-------|-------------------------|---|--|
| April | First Flight | Ch1- Letter to God Poems- Dust Of Snow, Fire And Ice Ch2- Nelson Mandela: Long Walk To Freedom | Introduction of Individual Students (speaking skills) |
| | Footprints Without Feet | Ch1- Triumph Of Surgery | |
| | Writing & Grammar | Formal Letter | |
| May | First Flight | Ch 3- Two Stories About Flying, Poem- A Tiger In The Zoo, | Word Activities (To Improve Students vocabulary) |
| | Footprints without feet | Ch 2- The Thief's Story | |
| | Grammar | Tenses & Modals | |
| | | Periodic Test - I | |
| July | First Flight | Ch4- From The Diary Of Anne Frank Poems- How To Tell Wild | |

Syllabus for Class X Session 2022-23
ENGLISH

| Month | Book Name | Chapter Name | Activity |
|-----------|-------------------------|--|--|
| | | Animals, The Ball (Poem) | Extempore |
| | Footprints without feet | Ch3- The Midnight Visitor Ch4- A Question of Trust, | |
| | Grammar & Writing | Unseen passage. Analytical Paragraph Writing. Subject Verb Concord | |
| | | Periodic - 2 | |
| August | First Flight | Ch5- Glimpses Of India | ASL [To Improve student's listening and speaking skill] |
| | Footprints without feet | Ch5- Footprints without Feet, Ch6- The Making of a scientist Poem- Amanda | |
| | Grammar & Writing | Reported Speech, Determiners; Integrated grammar exercises | |
| September | Half Yearly Examination | | |

Syllabus for Class X Session 2022-23
ENGLISH

| Month | Book Name | Chapter Name | Activity |
|----------|----------------------------------|---|--|
| October | First Flight | Ch. 6 Mijbil the Otter Ch7- Madam Rides The Bus Poems- The Trees, Fog, The Tale of Custard The Dragon | Debate |
| | Footprints without feet | Ch 7- The Necklace, Ch 8- Bholi | |
| November | First Flight | Ch8 -The Sermon At Benares Poem- For Anne Gregory Ch9- The Proposal | Dramatization to improve Dialogue speaking with gestures |
| | Footprints without feet | Ch 9- The Book That Saved The Earth Integrated Grammar Exercises | |
| | | Periodic Test - 3 | |
| December | Preparation for Pre-Board | | Prepare an analytical paragraph on a given topic |
| January | | Revision | ASL |
| February | | Pre-Board | |

Syllabus for Class X Session 2022-23
SCIENCE

| Month | Subject | Book Name | Chapter Name | Activity/Practical | |
|-------|-----------|--|-------------------------------------|---|--|
| April | Physics | Science NCERT textbook | 1. Reflection of light | Determination of the focal length of Concave mirror by obtaining the image of a distant object. Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution Preparing a temporary mount of a leaf peel to show stomata | |
| | Chemistry | Assessment of practical skills in science – CBSE publication | 2. Chemical reactions and Equations | | |
| | Biology | Laboratory manual science- NCERT publication | 3. Life Processes | | |
| | | Exemplar problems- NCERT publication | | | |

Syllabus for Class X Session 2022-23
SCIENCE

| Month | Subject | Book Name | Chapter Name | Activity/Practical |
|-------|-----------|--|-------------------------------------|--|
| May | Physics | Science Ncert Textbook | 1. Refraction of Light | Assignments Numerical Questions Practise |
| | Chemistry | Assessment Of Practical Skills In Science – Cbse Publication | 2. Chemical Reactions and Equations | |
| | Biology | Laboratory Manual Science- Ncert Publication | 3. Life Processes | |
| | | Exemplar Problems – Ncert Publication | | |
| | | Periodic Test - I | | |
| July | Physics | Science Ncert Textbook | 1. Refraction of light | Determination of the focal length of Convex lens by obtaining the image of a distant object. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. |
| | Chemistry | Assessment Of Practical Skills In Science – Cbse Publication | 2. Acid Bases and Salts | |
| | Biology | | | |

Syllabus for Class X Session 2022-23
SCIENCE

| Month | Subject | Book Name | Chapter Name | Activity/Practical |
|-------|---------|--|-----------------------------|--|
| | | Laboratory Manual Science- Ncert Publication Exemplar Problems – Ncert Publication | 3. Control and Coordination | Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate Study of the following properties of acetic acid (Ethanoic acid): i) Odour ii) solubility in water iii) effect on litmus iv) reaction with Sodium Hydrogen Carbonate Assignment work |

Syllabus for Class X Session 2022-23
SCIENCE

| Month | Subject | Book Name | Chapter Name | Activity/Practical |
|---------------------------|-----------|--|---------------------------------|--|
| Periodic Test - II | | | | |
| August | Physics | Science Ncert Textbook | 1. Human Eye and Colorful World | Tracing the path of the rays of light through a glass prism. |
| | Chemistry | Assessment Of Practical Skills In Science – Cbse Publication | 2. Control and Coordination | Performing and observing the following reactions and classifying them into: |
| | Biology | Laboratory Manual Science- Ncert Publication | 3. Metals and Non-metals | A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction |
| | | Exemplar Problems – Ncert Publication | | i. Action of water on quicklime ii. Action of heat on ferrous sulphate crystals iii. Iron nails kept in copper sulphate solution iv. Reaction between sodium sulphate and barium chloride solutions |

Syllabus for Class X Session 2022-23
SCIENCE

| Month | Subject | Book Name | Chapter Name | Activity/Practical |
|--------------------------------|-----------|--|--------------------------|--|
| | | | | Experimentally show that carbon dioxide is given out during respiration. |
| September | | | Revision | |
| Half Yearly Examination | | | | |
| October | Physics | Science Ncert Textbook | 1. Electricity | Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I. |
| | Chemistry | Assessment Of Practical Skills In Science – Cbse Publication | 2. Metals and Non-metals | Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides. |
| | Biology | Laboratory Manual Science- Ncert Publication | 3. Reproduction | Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: |
| | | Exemplar Problems – Ncert Publication | | |

Syllabus for Class X Session 2022-23
SCIENCE

| Month | Subject | Book Name | Chapter Name | Activity/Practical |
|----------------------------|---------------------------------|--|---|--|
| | | | | i) $\text{ZnSO}_4(\text{aq})$ ii) $\text{FeSO}_4(\text{aq})$ iii) $\text{CuSO}_4(\text{aq})$ iv) $\text{Al}_2(\text{SO}_4)_3(\text{aq})$ Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result Assignment Work |
| Periodic Test - III | | | | |
| November | Physics Chemistry Biology | Science Ncert Textbook Assessment Of Practical Skills In Science – Cbse Publication | 1. Magnetic Effects of Electric Current 2. Carbon and its Compounds 3. Heredity and Evolution | Determination of the equivalent resistance of two resistors when connected in series and parallel. Study of the comparative cleaning capacity of a sample of soap in soft and hard water Identification of the different parts of an embryo of a dicot seed (Pea, gram |

Syllabus for Class X Session 2022-23
SCIENCE

| Month | Subject | Book Name | Chapter Name | Activity/Practical |
|----------|---------------------------------|---|--|---|
| | | Laboratory Manual Science- Ncert Publication Exemplar Problems – Ncert Publication | | or red kidney bean). |
| December | Physics Chemistry Biology | Science Ncert Textbook Assessment Of Practical Skills In Science – Cbse Publication Laboratory Manual Science- Ncert Publication Exemplar Problems – Ncert Publication | 1. Magnetic Effects of Electric Current 2. Carbon and its Compounds 3. Our Environment | Project on management of natural resources Assignment work |

Syllabus for Class X Session 2022-23
SCIENCE

| Month | Subject | Book Name | Chapter Name | Activity/Practical |
|------------------------------|---------------------------------|---|--------------------------|----------------------------------|
| Preparation Pre-Board | | | | |
| January | Physics Chemistry Biology | Science Ncert Textbook Assessment Of Practical Skills in Science – Cbse Publication Laboratory Manual Science- Ncert Publication Exemplar Problems – Ncert Publication | REVISION PROJECT WORK | CBSE BOARD PRACTICAL EXAMINATION |
| February | Pre-Board | | | |
| | | | | |

Syllabus for Class X Session 2022-23
Hindi

| Month | Book Name | Chapter Name | Activity |
|--------------|--|--|--------------------------------|
| April | श्रुतिज काव्यखंड गद्य खंड व्याकरण | पाठ 1. डूँधौ तुम हो अति बड़भागी (सूरदास) पाठ 10. नेता जी का चश्मा पाठ 1. अपठित काव्यांश व गद्यांश पाठ 2. रचना के आधार पर वाक्य भेद | समस्याओं का समाधान क्रिया कलाप |
| | | Periodic Test - 1 | |
| May | श्रुतिज काव्यखंड गद्य खंड कृतिका व्याकरण | पाठ 2. राम-लक्ष्मण परशुराम संवाद (तुलसीदास) पाठ 11. बाल गोविंद भगवत् (रामवृक्ष वेणीपुरी) पाठ 1. माता का अंचल (शिवपूजन-सहाय) पाठ 3. वाच्य पाठ 4. पद परिचय | पेन पेपर टेस्ट |
| July | | पाठ 4. आत्मकथ्य | वाद-विवाद |

Syllabus for Class X Session 2022-23
HINDI

| Month | Book Name | Chapter Name | Activity |
|---------------|--|---|------------------------------|
| | क्षितिज काव्यखंड गद्य खंड कृतिका व्याकरण | पाठ 12. लखनवी अंदाज (बरगपाल) पाठ 4. साना हाथ जौड़ि (मधुकर करिया) पाठ 5. संदेश लेखन पाठ 6. विज्ञापन लेखन पाठ 7. पत्र लेखन, सूचना लेखन तथा ई-मेल लेखन | क्रिया कलाप कक्षा परीक्षण |
| | | Periodic Test - 2 | |
| August | क्षितिज काव्यखंड गद्य खंड कृतिका व्याकरण | पाठ 14. एक कहानी वह भी (मनुभंडारी) पाठ 5 'उत्साह' पाठ 6 अट नहीं रही है (सुर्यकांत त्रिपाठी निराला) पाठ 8 अलंकार पाठ 9 अनुच्छेद लेखन पाठ 10 स्वतंत्र लेखन | परियोजना कार्यक्रम |

Syllabus for Class X Session 2022-23
Hindi

| Month | Book Name | Chapter Name | Activity |
|-----------------|--|--|--|
| September | | Half Yearly Examination | |
| October | क्षितिज काव्यखंड गद्य खंड व्याकरण | पाठ 16 इस नौबत खाने में इबादत (यतीन्द्र मिश्र) पाठ 6 यह दंतुरित मुस्कान पाठ 7 फसल (नार्गाजुन) रचना के आधार पर वाक्य भेद (पुनः अभ्यास) पाठ 9 संगतकार (मंगलेश डबराल) | आशुभाषण संवाद कौशल अभ्यास कक्षा में |
| November | क्षितिज काव्यखंड गद्य खंड कृतिका व्याकरण | पाठ 5 मैं क्यों लिखता हूँ अलंकार, विज्ञापन लेखन पुनः अभ्यास | पेलाप्ले |
| | | Periodic Test - 3 | |
| December | Pre-Board - I | Preparation | |
| January | Pre-Board - II | Preparation | |

Syllabus for Class X Session 2022-23
SOCIAL SCIENCE

| Month | Book Name | Chapter Name | Activity |
|--------------------------|---|--|--|
| April | History | Ch-1 The Rise of Nationalism in Europe | Map Work, Concept Map, |
| Periodic Test - I | | | |
| May | Geography Civics Geography Economics | Ch-1 Resources and Development Ch-1: Power Sharing Ch-2: Federalism Ch-2: Forest and Wildlife Ch-3: Water Resources Ch-1: Development | Flow Chart Map Work , Pictures of types of agriculture |
| July | Civics History Geography | Ch-3: Democracy and Diversity Ch-2: Nationalism in India Ch-4: Agriculture | Given Work Assignment |

Syllabus for Class X Session 2022-23
SOCIAL SCIENCE

| Month | Book Name | Chapter Name | Activity |
|-------------------------------|--------------------------------|--|---|
| | Economics | Ch-2 :Sectors of the Indian Economy Ch-3: Money and Credit | |
| August | History Civics Geography | Ch-3: The making of Global World Ch-4: Gender, Religion and Caste Ch-5: Minerals and Energy Resources | Mind Map , PPT for Industrial Hubs In India |
| September | Civics Geography | Ch-6: Political Parties Ch-5: Minerals and Energy Resources | Concept Map Draw a chart on topic Resources, Map Work |
| First Term Examination | | | |
| October | Civics Economics | Ch-7: Outcomes of Democracy Ch- 4: Globalization and the Indian Economy Ch-6: Manufacturing Industries | Given Work Assignment |

Syllabus for Class X Session 2022-23
SOCIAL SCIENCE

| Month | Book Name | Chapter Name | Activity |
|----------|--------------------------------|--|---|
| | Geography | Ch -7 Lifelines of Indian economy | |
| November | History Civics Economics | Ch-4: The age of Industrialisation Ch-5: Print Culture and the Modern World Ch-8: Challenges to Democracy Ch-5: Consumer Rights | Map Work Given Work Assignment Project File |
| | | Periodic Test - II | |
| December | | Preparation for Pre-Board | |
| January | | Periodic Test - III | |
| February | | Pre-Board | |

Syllabus for Class X Session 2022-23
PHYSICAL AND HEALTH EDUCATION

| Periodic Assessment-I | Term-I | Periodic Assessment-II | Term-II |
|--|--|--|---|
| Strand 1 Games/Sports 3.1 Athletics/Swimming Activity 1-7 | Strand 1 Games/Sports 3.1 Athletics/Swimming Activity 1-7 3.2 Team Game Activity 8-24 3.3 Individual Games Activity 25-29 3.4 Adventure Sports Activity 30-31 | Strand 2 Health And Fitness Activity 32-34 | Strand 2 Health And Fitness Activity 32-34 Strand 3 Sewa Guidelines, Forms and assessments Project 1-17 Strand 4 Health and Activity Card |

Syllabus for Class X Session 2022-23
MATHEMATICS

| Month | Book Name | Chapter Topics | Lab Manual Activity |
|-------|-----------------------|--|---|
| April | NCERT R.S. Agrawal | CHAPTER – 1 REAL NUMBER Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples, Proofs of irrationality of $\sqrt{2}$ $\sqrt{3}$ $\sqrt{5}$ CHAPTER - 2 POLYNOMIALS Zeros of a polynomial. Relationship between zeros and coefficients of quadratic polynomials. | To find the hcf of two numbers experimentally based on euclid division lemma. To draw the graph of a quadratic polynomial and observe; (i) the shape of the curve when the coefficient of x^2 is positive. (ii) the shape of the curve when the coefficient of x^2 is negative. (iii) its number of zeroes. |

Syllabus for Class X Session 2022-23
MATHEMATICS

| Month | Book Name | Chapter Topics | Lab Manual Activity |
|-------|-----------------------|--|---|
| May | NCERT R.S. Agrawal | CHAPTER – 3 PAIR OF LINEAR EQUATIONS IN TWO VARIABLES Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination. Simple situational problems. CHAPTER - 8 INTRODUCTION TO TRIGONOMETRY Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined); motivate the ratios whichever are defined at 0° and 90° . Values of the trigonometric ratios of 30° , 45° and 60° . Relationships between the ratios. TRIGONOMETRIC IDENTITIES Proof and applications of the identity $\sin^2 A + \cos^2 A = 1$. Only simple identities to be given. | To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method. Activity based on values of the trigonometric ratios of 30° , 45° and 60° |

Syllabus for Class X Session 2022-23
MATHEMATICS

| Month | Book Name | Chapter Topics | Lab Manual Activity |
|--------------------------|-----------------------|--|--|
| Periodic Test - 1 | | | |
| July | NCERT R.S. Agrawal | <p>CHAPTER - 4 QUADRATIC EQUATIONS Standard form of a quadratic equation $ax^2 + bx + c = 0$, ($a \neq 0$). Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Relationship between discriminant and nature of roots. Situational problems based on quadratic equations related to day to day activities to be incorporated.</p> <p>CHAPTER - 5 ARITHMETIC PROGRESSIONS Motivation for studying Arithmetic Progression Derivation of the nth term and sum of the first n terms of A.P. and their application in solving daily life problems.</p> | <p>To obtain the solution of a quadratic formula</p> <p>To identify arithmetic progressions in some given lists of numbers (patterns).</p> |

Syllabus for Class X Session 2022-23
MATHEMATICS

| Month | Book Name | Chapter Topics | Lab Manual Activity |
|--------|-----------------------|--|--|
| August | NCERT R.S. Agrawal | <p>CHAPTER - 6 TRIANGLES Definitions, examples, counter examples of similar triangles. 1. (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio. 2. (Motivate) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side. 3. (Motivate) If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar. 4. (Motivate) If the corresponding sides of two triangles are proportional, their corresponding angles are equal and the two triangles are similar.</p> | To establish the criteria for similarity of two triangles. |

Syllabus for Class X Session 2022-23
MATHEMATICS

| Month | Book Name | Chapter Topics | Lab Manual Activity |
|-----------|-----------------------|--|--|
| | | 5. (Motivate) If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar. CHAPTER – 7 Coordinate Geometry Review: Concepts of coordinate geometry, graphs of linear equations. Distance formula, Section formula (internal division). | To verify the distance formula by graphical method |
| | | Periodic Test -2 | |
| September | NCERT R.S. Agrawal | CHAPTER – 15 PROBABILITY Classical definition of probability. Simple problems on finding the probability of an event. | Activity based on finding probability of event. |
| | | Half Yearly Examination | |
| October | NCERT R.S. Agrawal | CHAPTER – 10 CIRCLES Tangent to a circle at, point of contact | To verify experimentally that the tangent at any point to a circle is perpendicular to the |

Syllabus for Class X Session 2022-23
MATHEMATICS

| Month | Book Name | Chapter Topics | Lab Manual Activity |
|----------|-----------------------|---|--|
| | | 1. (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact. 2. (Prove) The lengths of tangents drawn from an external point to a circle are equal. CHAPTER – 11 CONSTRUCTIONS 1. Division of a line segment in a given ratio (internally). 2. Tangents to a circle from a point outside it. | radius through that point. Activity based on division of a line segment |
| November | NCERT R.S. Agrawal | CHAPTER – 9 SOME APPLICATIONS OF TRIGONOMETRY: Angle of elevation, Angle of Depression. Simple problems on heights and distances. Problems should not involve more than two right triangles. Angles of elevation / depression should be only 30° , 45° , and 60° . | To find the height of a building using a clinometer. |

Syllabus for Class X Session 2022-23
MATHEMATICS

| Month | Book Name | Chapter Topics | Lab Manual Activity |
|-----------------|-------------------------------------|---|---|
| | | CHAPTER - 12 AREAS RELATED TO CIRCLES Area of sectors and segments of a circle. Problems based on areas and perimeter / circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60° , 90° and 120° only. | To obtain formula for area of a circle experimentally. |
| | | Periodic Test - 3 | |
| December | NCERT R.S. Agrawal | CHAPTER - 13 SURFACE AREAS AND VOLUMES Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones. CHAPTER - 14 STATISTICS | Activity based on finding surface areas and volumes of combinations of two figures Activity based on finding probability distribution, |

Syllabus for Class X Session 2022-23
MATHEMATICS

| Month | Book Name | Chapter Topics | Lab Manual Activity |
|-----------------|-------------------------------------|--|--------------------------|
| | | Mean, Median and Mode of grouped data (Bimodal situation to be avoided). | mean of random variable. |
| | | Practice of All Previous | |
| January | NCERT R.S. Agrawal | Revision of all previous chapters | |
| February | | Pre-Board | |
| | | | |