

Silver Grove School

Uparwar, Sewapuri, Varanasi

SYLLABUS (2026-27)

Class – 8

Book List Session

S.no.	Book Name	Publisher Name
1	POORVI NCERT (TEST BOOK)-8	NCERT
2	P.C WREN'S GRAMMAR-8	S. CHAND
3	VYAKARAN BHARTI-8	BHARTI BHAWAN
4	MALHAR-8	NCERT
5	MATHEMATICS RS AGARWAL-8	BHARTI BHAWAN
6	SCIENCE LAKHMIR SINGH-8	S. CHAND
7	FURUTE KIDS SOCIAL SCIENCE-(Part 1 & 2) 8	FUTURE KIDS PUBLICATION
8	ADVANCE COMPUTING WITH AI CODING-8	ARQUE TECHNOLOGIES
9	KNOWLEDGE WORLD-8	EDUGROW PUBLICATIONS
10	SANSKRIT SUDHA-3	AMRITA PRAKASHAN

Stationary Required

English	–	3 single lined copies
Mathematics	–	2 registers, 1 graph, 1 interleaf copy
Hindi	–	3 single lined copies
Science	–	4 interleaf copies
Social Studies	–	1 interleaf copy, 1 single lined copy
G.K	–	1 single lined copy
Sanskrit	–	2 Single lined copies
Computer	–	1 interleaf copy
Drawing	–	1 drawing copy
Music	–	1 single lined copy
2 register	(i)	Summer vacation holiday homework
	(ii)	Winter vacation holiday homework

Note:

The Annual Examination for the subjects English Grammar and Mathematics will include the entire syllabus covered from Periodic Test–1 up to the Annual Examination.

CURRICULUM OVERVIEW

Vision of the School

The vision of the school is to provide **quality, inclusive, and value-based education** that nurtures knowledge, creativity, discipline, and strong moral character among students. The school strives to create a **safe, positive, and stimulating learning environment** where learners develop intellectual curiosity, emotional maturity, social responsibility, and leadership qualities. The institution aims to prepare students to become **confident, responsible, and globally aware individuals**.

Mission of the School

The mission of the school is to ensure the **holistic development of every learner** through a well-balanced academic and co-curricular curriculum. The school encourages **critical thinking, creativity, innovation, collaboration, and respect for diversity**, enabling students to become responsible citizens and lifelong learners.

Objectives of Middle School Education (Classes VI – VIII)

The middle school stage plays a crucial role in strengthening the academic foundation and personality development of students. The key objectives are:

- To strengthen **conceptual understanding in core subjects** such as Mathematics, Science, Social Science, and Languages.
- To develop **analytical thinking, reasoning ability, and problem-solving skills**.
- To promote **effective communication skills in both written and spoken forms**.
- To encourage **creativity, curiosity, and independent learning**.
- To inculcate **discipline, responsibility, teamwork, and leadership qualities**.
- To promote **digital literacy and awareness of the modern world**.
- To nurture **ethical values, respect for diversity, and social responsibility**.

Value-Based Education

The school strongly believes that education must develop **both character and competence**. Therefore, value-based education is integrated into the curriculum to promote:

- Honesty and integrity
- Respect for others
- Responsibility and discipline
- Environmental awareness
- Empathy and compassion
- Cooperation and teamwork

Students are encouraged to practice these values in **daily school activities, group work, and community interactions**.

Life Skills and Good Manners

Students are encouraged to practice **positive behavior and respectful communication** in daily life. They are guided to use polite expressions such as: **Please, Thank You, Sorry, Excuse Me, May I Help You, Welcome, and Pardon.**

These expressions help develop **good manners, respect, and healthy interpersonal relationships.**

Teaching Methodology

The school follows a **student-centered, experiential, and activity-based teaching approach** aligned with CBSE guidelines.

Various teaching strategies are used to make learning **engaging and meaningful**, such as:

- Interactive classroom discussions
- Group activities and collaborative learning
- Project-based learning
- Demonstrations and experiments
- Audio-visual learning methods
- Practical and laboratory work
- Creative assignments and presentations
- Educational games and quizzes
- Field visits and experiential learning

These approaches help students **develop critical thinking, creativity, and real-life application of knowledge.**

Assessment System

The school follows the **Continuous and Comprehensive Evaluation (CCE) approach** as recommended by CBSE.

Students are assessed through:

- Class participation and classroom performance
- Periodic tests and written examinations
- Project work and assignments
- Practical work and activities
- Oral assessments and presentations
- Notebook maintenance and homework

Continuous evaluation helps teachers monitor **academic progress and overall development** of students and provide timely support for improvement.

Importance of Curriculum in Education

A well-structured curriculum provides a **systematic framework for teaching and learning.** It ensures that students receive a **balanced education** that integrates academic knowledge, life skills, creativity, and moral values.

The curriculum helps students to:

- Develop subject knowledge and practical skills
- Build confidence and independent thinking
- Prepare for higher education
- Develop social awareness and responsibility

Important Instructions for Parents

- **Parent–Teacher Meetings (PTMs)** are conducted regularly to discuss the academic progress and overall development of students. Parents may meet teachers on the **Second Saturday and the Last Working Day of every month**.
- Teachers may occasionally adjust subjects in the timetable according to **academic requirements or special activities**. Parents will be informed whenever necessary.
- Students must bring **books and notebooks according to the daily timetable**.
- **Regular classwork, homework, and assignments** should be completed on time to ensure consistent learning progress.
- Parents are encouraged to **monitor their child’s study habits, homework, and reading activities at home**.
- Students should maintain **discipline, punctuality, and regular attendance** in school.
- Participation in **co-curricular activities such as sports, art, music, debates, quizzes, and cultural programs** is encouraged for the overall development of students.

Interactive Learning and Student Activities

To make learning more engaging and meaningful, the school organizes various activities such as:

- Quiz Competitions
- Debates and Group Discussions
- Science and Mathematics Activities
- Project Work and Model Making
- Educational Presentations
- Art, Craft, and Creative Writing Activities
- Environmental Awareness Programs
- Special Activity Days such as No Bag Day

These activities help students develop **confidence, creativity, communication skills, and teamwork**.

Academic Calendar – Working Days Distribution Session: 2026 – 2027

The academic session is planned systematically to ensure the effective completion of the syllabus, assessments, co-curricular activities and examinations. The distribution of working days month-wise is given below:

S. No.	Month	Working Days	Academic Planning
1	April	24	Beginning of the academic session, introduction of syllabus, classroom orientation and basic concept teaching.
2	May	16	Continuation of first unit teaching, classroom activities and assignments.
3	June	2	Limited academic work due to summer vacation; revision and light activities.
4	July	27	Regular teaching schedule with completion of important chapters and practice work.
5	August	23	Concept strengthening, project work and preparation for periodic tests.
6	September	15	Completion of first term syllabus and Half-Yearly Examination preparation and assessment.
7	October	22	Beginning of second term syllabus with activity-based learning.
8	November	19	Continuation of syllabus, project work and concept revision.
9	December	25	Completion of major portions of the syllabus and practice assignments.
10	January	22	Revision of important topics and preparation for final examination.
11	February	22	Final revision, completion of remaining syllabus and pre-exam preparation.
12	March	—	Annual Examination, evaluation and result declaration.

Summary of Working Days

- **Total Working Days (April – February): 217 Days**
- **March:** Annual Examination and academic closing activities.

Academic Implementation

The working days are utilized for the following academic purposes:

- Classroom teaching and syllabus completion
- Unit tests and periodic assessments
- Project work and activity-based learning
- Revision and practice assignments
- Half-Yearly and Annual Examinations

English Grammar (Paper -I)
Periodic Test– I (April – May)

Chapters 1–7

Chapter 1. Determiners

- Pre-Activity:** Students will identify words placed before nouns from a given paragraph to understand their function.
- Classroom Activity:** The teacher will provide sentences and ask students to underline determiners and classify them into types.
- Post-Activity:** Students will fill in blanks with suitable determiners in structured exercises.
- Project Work:** Prepare a chart showing different types of determiners with definitions and examples.
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Chapter 2. Verbs: Primary Auxiliaries and Modal Auxiliaries

- Pre-Activity:** Students will list helping verbs used in daily communication.
- Classroom Activity:** Role-play activities will be conducted where students use modal auxiliaries in real-life situations.
- Post-Activity:** Students will frame sentences using different modal auxiliaries appropriately.
- Project Work:** Create a table differentiating primary auxiliaries and modal auxiliaries with examples.
-

Chapter 3. Verbs: Tenses

- Pre-Activity:** Students will discuss actions happening in present, past, and future.
- Classroom Activity:** The teacher will explain tense forms using timelines and examples.
- Post-Activity:** Students will identify tense forms in given sentences.
- Project Work:** Prepare a timeline chart representing different tenses with examples.
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Chapter 4. Tenses: Present and Past

- Pre-Activity:** Students will write five sentences about their previous day activities.
- Classroom Activity:** Sentence transformation exercises from present to past tense will be practiced.
- Post-Activity:** Students will convert present tense sentences into past tense.
- Project Work:** Design a worksheet comparing present and past tense usage.
-

Chapter 5. Talking about the Future

- Pre-Activity:** Students will share their future plans in class discussion.
- Classroom Activity:** Practice sessions using “will”, “shall” and “going to” in different contexts.
- Post-Activity:** Students will construct sentences using correct future forms.
- Project Work:** Prepare a future plan diary using appropriate tense forms.
-

Chapter 6. Verb Forms in Conditionals

- Pre-Activity:** Students will discuss hypothetical situations using “If I were...”.
- Classroom Activity:** Teacher will explain different types of conditionals with examples.
- Post-Activity:** Students will complete and frame conditional sentences.
- Project Work:** Create a chart showing types of conditional sentences with examples.
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Chapter 7. The Sequence of Tenses

- Pre-Activity:** Students will recall basic tense rules through oral questioning.
- Classroom Activity:** Error correction exercises based on sequence of tenses will be conducted.
- Post-Activity:** Students will correct sentences based on tense sequence rules.
- Project Work:** Prepare a rule sheet explaining sequence of tenses with examples.
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Project Work

Topic: Tense Handbook

Students will prepare a booklet explaining all tense forms with rules and examples.

Copy Work:

- 29. Comprehension
- 30. Creative Writing and Stories
- 31. Formal Letter Writing

Vocabulary

Synonyms, Antonyms, One Word Substitution, Formal Letter Writing

Half Yearly Examination
(June + July + August+ September)

Chapters 8–14

Chapter 8. Subject-Verb Agreement

- Pre-Activity:** Students will match subjects with appropriate verbs orally.
- Classroom Activity:** Exercises will be conducted to identify agreement errors.
- Post-Activity:** Students will rewrite sentences correcting agreement mistakes.
- Project Work:** Prepare a chart showing rules of subject-verb agreement.
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Chapter 9. Mood

- Pre-Activity:** Students will identify commands, wishes, and statements.
- Classroom Activity:** Examples of indicative, imperative, and subjunctive mood will be discussed.
- Post-Activity:** Students will frame sentences using different moods.
- Project Work:** Create a table explaining types of mood with examples.
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Chapter 10. The Infinitive

- Pre-Activity:** Students will identify “to + verb” forms in sentences.
- Classroom Activity:** Usage of infinitives in sentences will be practiced.
- Post-Activity:** Students will write sentences using infinitives correctly.
- Project Work:** Prepare examples showing different uses of infinitives.
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Chapter 11. The Participle

- Pre-Activity:** Students will observe -ing and -ed forms in sentences.
- Classroom Activity:** Teacher will explain types of participles with examples.
- Post-Activity:** Students will use participles in meaningful sentences.
- Project Work:** Make a chart on present and past participles.
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Chapter 12. The Gerund

- Pre-Activity:** Students will identify -ing words used as nouns.
- Classroom Activity:** Exercises to differentiate gerunds and participles.
- Post-Activity:** Students will frame sentences using gerunds.
- Project Work:** Prepare examples showing gerunds used as subject and object.
-

Chapter 13. Active and Passive Voice

- Pre-Activity:** Students will identify subject and object in sentences.
- Classroom Activity:** Transformation exercises from active to passive voice.
- Post-Activity:** Students will convert active sentences into passive voice.
- Project Work:** Create a rule chart for voice transformation.
-

Chapter 14. Adverbs

- Pre-Activity:** Students will identify words describing verbs.
- Classroom Activity:** Classification of adverbs into types will be taught.
- Post-Activity:** Students will write sentences using different adverbs.
- Project Work:** Prepare a chart showing kinds of adverbs.

Copy Work:

32. Dialogue Writing
33. Diary Entry
34. Informal Letter Writing

Vocabulary:

Antonyms, Synonyms, One word substitution, Idioms, Homophones

Project Work (Term 2)

Topic: Parts of Speech Portfolio

Prepare a file explaining all parts of speech with definitions and examples.

Note- Periodic Test-I will be included in Half Yearly Examination

Periodic Test-II
October+ November

Chapters 15–21

Chapter 15. The Preposition

- Pre-Activity:** Teacher will demonstrate prepositions using classroom objects.
- Classroom Activity:** Students will practice sentence formation using prepositions.
- Post-Activity:** Students will fill in blanks with correct prepositions.
- Project Work:** Prepare a chart showing commonly used prepositions.
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Chapter 16. The Conjunction

- Pre-Activity:** Students will join simple sentences using conjunctions.
- Classroom Activity:** Teacher will explain coordinating and subordinating conjunctions.

Post-Activity: Students will identify types of conjunctions.
Project Work: Create examples showing use of conjunctions.

Chapter 17. Direct and Indirect Speech

Pre-Activity: Students will participate in short dialogues.
Classroom Activity: Teacher will explain rules of speech conversion.
Post-Activity: Students will convert direct speech into indirect speech.
Project Work: Prepare a rule chart for narration.

Chapter 18. Punctuation

Pre-Activity: Students will read an unpunctuated paragraph.
Classroom Activity: Teacher will explain punctuation rules.
Post-Activity: Students will punctuate given paragraphs correctly.
Project Work: Prepare a punctuation guide chart.

Chapter 19. Phrases

Pre-Activity: Students will identify groups of words without verbs.
Classroom Activity: Types of phrases will be explained with examples.
Post-Activity: Students will classify phrases.
Project Work: Prepare examples of noun, adjective, and adverb phrases.

Chapter 20. Clauses

Pre-Activity: Students will identify clauses with subject and verb.
Classroom Activity: Teacher will explain types of clauses.
Post-Activity: Students will classify clauses.
Project Work: Create a chart on types of clauses.

Chapter 21. Analysis of Simple Sentences

Pre-Activity: Students will identify subject and predicate.
Classroom Activity: Teacher will demonstrate sentence analysis.
Post-Activity: Students will analyze sentences step-by-step.
Project Work: Prepare analyzed examples of simple sentences.

Project Work (Term 3)

Topic: Sentence Structure Chart

Prepare a chart explaining phrases, clauses and types of sentences with examples.

Copy Work:

35. News Reports

- 36. Writing Notices
- 37. Letters and Emails

Vocabulary:

Antonyms, Synonyms, One word substitution, Idioms, Homophones

Annual Examination
(December +January+February)

Chapters 22–28

Chapter 22. Analysis of Complex Sentences

- Pre-Activity:** Students will recall subordinate clauses.
Classroom Activity: Teacher will demonstrate analysis of complex sentences.
Post-Activity: Students will analyze given sentences.
Project Work: Prepare solved examples of complex sentences.
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Chapter 23. Analysis of Compound Sentences

- Pre-Activity:** Students will identify conjunctions joining clauses.
Classroom Activity: Teacher will explain compound sentence structure.
Post-Activity: Students will break compound sentences into simple sentences.
Project Work: Prepare examples of compound sentence analysis.
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Chapter 24–25. Transformation of Sentences

- Pre-Activity:** Students will recall types and rules of sentences.
Classroom Activity: Teacher will conduct transformation exercises.
Post-Activity: Students will rewrite sentences as directed.
Project Work: Prepare a transformation rule chart.
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Chapter 26–28. Synthesis of Sentences I, II, III

- Pre-Activity:** Students will combine short sentences orally.
Classroom Activity: Teacher will demonstrate synthesis techniques.
Post-Activity: Students will combine sentences into simple, compound, and complex forms.

- Project Work:**
Prepare examples showing synthesis of sentences.
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Project Work (Term 4)

Topic: Comprehensive Grammar Handbook

Prepare a detailed grammar handbook covering important rules and examples from Chapters 1–28.

Copy Work:

38. Words

39. Comprehension

40. Data Interpretation

Revision:

Letters, Notice, Story Writing

Vocabulary:

Antonyms, Synonyms, One word substitution, Idioms, Homophones

Note- All chapter will be included in Annual Examination**English Literature (Paper-II)****Periodic Test–I (April + May)****Unit 1: Wit and Wisdom****Chapter 1. The Wit that Won Hearts****Pre-Activity:**

Discuss how humor can solve problems.

Classroom Activity:

The teacher will narrate selected incidents from the chapter and engage students in a guided discussion to identify how wit helped resolve difficult situations. Students will also participate in short role-play activities depicting similar situations.

Post-Activity:

Write a short paragraph on how the wit helped the character.

New words:

renowned, achievements, patron, warrior, solution, frustration, brilliant, strategy, exquisite

Poem 2. A Concrete Example**Pre-Activity:**

Share one real-life example of honesty or wisdom.

Classroom Activity:

Students will recite the poem with proper expression, followed by a teacher-led discussion on values such as honesty and wisdom highlighted in the poem.

Post-Activity:

List the values highlighted in the lesson.

New words:

neighbour, crazy, sundial, delicate, quarter, replied, rather, rockery

Chapter 3. Wisdom Paves the Way**Pre-Activity:**

Brainstorm the meaning of “wisdom.”

Classroom Activity:

The teacher will conduct a group discussion where students analyze key events of the story and identify how wisdom influenced decision-making.

Post-Activity:

Write the moral of the story in your own words.

New words:

resolute, bustling, believe, deliberate, befitting, confident, audience, scrutinize, pursued, distressed

Project Work

Topic: “Power of Wisdom”

Prepare a short-illustrated story or chart showing how wisdom is more powerful than strength.

Copy Work: New words, Word-meaning, short & long question and answer, Make sentences, one book exercises. Diagrams related to chapter.

Half-Yearly Examination **June + July+August+September**

Unit 2: Values and Dispositions

Chapter 4. A Tale of Valour: Major Somnath Sharma and the Battle of Badgam

Pre-Activity: Discuss qualities of a brave soldier.

Classroom Activity: The teacher will present a brief account of the battle and encourage students to discuss the qualities of courage, leadership, and patriotism displayed in the chapter.

Post-Activity: Write 5 lines describing Major Somnath Sharma’s bravery.

New words: bravery, sacrifice, generations, patriotic, heroism, inspiration, equipped, knowledge, ultimate

5. Somebody’s Mother (Poem)

Pre-Activity: Recite and discuss respect for elders.

Classroom Activity: Students will perform group recitation and discuss the importance of empathy and kindness towards elders through guided questioning.

Post-Activity: Write the central idea of the poem.

New words: ragged, recent, uncared, anxious, laughter, hailing, hastened, carriage, slippery, laddies, whispered

Chapter 6. Verghese Kurien — I Too Had A Dream

Pre-Activity: Discuss how dreams can change a nation.

Classroom Activity: The teacher will facilitate a discussion on the life and achievements of Verghese Kurien, encouraging students to identify leadership qualities and contributions.

Post-Activity: List achievements of Verghese Kurien.

New words: addicted, communication, memories, transformation, pursued, envisioned, metallurgy, responsibility, correlation, acquaintance, perfection, dedicate

Unit 3: Mystery and Magic

Chapter 7. The Case of the Fifth Word

- Pre-Activity:** Solve a simple word puzzle in class.
- Classroom Activity:** Students will participate in puzzle-solving activities guided by the teacher to understand how clues are analyzed to solve mysteries.
- Post-Activity:** Write how the mystery was solved.
- New words:** encyclopedia, mysteries, nickname, announced, interest, jewellery, suspicious, leafed, clipped

8. The Magic Brush of Dreams (Poem)

- Pre-Activity:** Discuss if magic can solve real problems.
- Classroom Activity:** The teacher will conduct a creative visualization activity where students imagine magical solutions and compare them with real-life efforts.
- Post-Activity:** Describe the main character's qualities.
- New words:** gather, fetch, pluck, beneath, twig, sweeps, whispers, wealthy, streamed, zamindar, khichdi, fortress, treasures

Project Work (Term 2)

Topic: "Inspirational Personalities"

Make a project file on a national hero or leader highlighting their qualities and contributions.

- Copy Work:** New words, Word-meaning, short & long question and answer, Make sentences, one book exercises. Diagrams related to chapter.

Note- Periodic Test-I will be included in Half Yearly Examination

Periodic Test -II
October+November

Chapter 9. Spectacular Wonders

- Pre-Activity:** Show pictures of world wonders and discuss.
- Classroom Activity:** Students will engage in a presentation-based activity where they describe different wonders and discuss their unique features.
- Post-Activity:** Write about one wonder you would like to visit.
- New words:** spectacles, exotic, attractive, stunning, incredible, indigenous, concrete, intertwined, significance

Unit 4: Environment

Chapter 10. The Cherry Tree

- Pre-Activity:** Talk about planting trees and their importance.
- Classroom Activity:** The teacher will guide students through a discussion on environmental conservation and encourage them to share personal experiences related to planting or caring for plants.
- Post-Activity:** Write the message conveyed by the story.
- New words:** Mussoorie, sheltered, outskirts, terraced, promptly, Siberia, forgotten, haunches, peered, pebbles

11. Harvest Hymn (Poem)

- Pre-Activity:** Discuss the importance of farmers.
- Classroom Activity:** Students will recite the poem and discuss agricultural life and the role of farmers in society.
- Post-Activity:** Explain the theme of the poem.
- New words:** harvest, munificent, prospered, bounty, nurtured, garlands, mellowing, beneficent, fostered, opulent, cymbal

Chapter 12. Waiting for the Rain

- Pre-Activity:** Discuss problems caused by drought.
- Classroom Activity:** The teacher will initiate a discussion on water scarcity and its effects, encouraging students to suggest solutions.
- Post-Activity:** Write a paragraph on the importance of rain.
- New words:** untended, barren, forlorn, consultation, exclaimed, dejected, sparkled, wrinkles, centuries, ploughed, ceaseless

Project Work (Term 3)

Topic: “Save Environment Campaign”

Prepare posters or slogans promoting environmental protection.

Copy Work: New words, Word-meaning, short & long question and answer, Make sentences, one book exercises. Diagrams related to chapter.

Annual Examination
December + January + February

Unit 5: Science and Curiosity

Chapter 13. Feathered Friend

- Pre-Activity:** Discuss how birds are helpful to humans.

Classroom Activity: Students will observe and discuss different types of birds and their importance in the ecosystem through teacher-guided interaction.

Post-Activity: Describe the bond between humans and birds.

New words: existed, dimensional, precisely, skyscraper, psychologist, cubbyhole, intercom, departed, concealing, bulkheads

14. Magnifying Glass (Poem)

Pre-Activity: Show a magnifying glass and discuss its uses.

Classroom Activity: The teacher will demonstrate simple observations using a magnifying glass and encourage curiosity-driven questioning.

Post-Activity: Write how curiosity leads to discoveries.

New words: hive, spinnerets, tigerish, tiniest, marvellous, surpass, eyeing, myriad

Chapter 15. Bibha Chowdhuri: The Beam of Light that Lit the Path for Women in Indian Science

Pre-Activity: Discuss the role of women in science.

Classroom Activity: The teacher will present the contributions of Bibha Chowdhuri and engage students in discussion about women's role in scientific development.

Post-Activity: Write a short note on Bibha Chowdhuri's contribution.

New words: recognised, equitable, towering, guidance, delved, sceptical, counterparts, nomination, tirelessly, periphery

Project Work (Term 4)

Topic: "Women in Science"

Prepare a project on any Indian woman scientist with pictures and achievements.

Copy Work: New words, Word-meaning, short & long question and answer, Make sentences, one book exercises. Diagrams related to chapter.

Note Periodic Test– II will be included in Annual Examination

हिंदी व्याकरण (वार्षिक पाठ्यक्रम एवं गतिविधियाँ)

इकाई- प्रथम (अप्रैल+मई)

1. भाषा, बोली, लिपि और व्याकरण

पूर्व पाठ गतिविधि:

विद्यार्थियों के पूर्व ज्ञान को सक्रिय करने हेतु उनसे घर एवं समाज में प्रयुक्त भाषाओं के बारे में प्रश्नोत्तर कराया जाएगा तथा विभिन्न भाषाओं के नाम बोर्ड पर लिखवाए जाएँगे।

कक्षा गतिविधि:

शिक्षक भाषा, बोली, लिपि एवं व्याकरण की संकल्पनाओं को उदाहरणों, तुलनात्मक विवेचन एवं समूह चर्चा के माध्यम से स्पष्ट करेंगे।

पश्चात-गतिविधि:

विद्यार्थी भाषा एवं बोली में अंतर स्पष्ट करते हुए संक्षिप्त अनुच्छेद लिखेंगे तथा विभिन्न लिपियों (देवनागरी, रोमन आदि) के उदाहरण प्रस्तुत करेंगे।

प्रयोगिक कार्य:

भारत की प्रमुख भाषाओं एवं उनकी लिपियों का चार्ट/प्रोजेक्ट तैयार कर कक्षा में प्रस्तुति देना।

2. वर्ण-विचार

पूर्व पाठ गतिविधि:

स्वर एवं व्यंजन के शुद्ध उच्चारण का अभ्यास कराया जाएगा तथा उच्चारण स्थान का बोध कराया जाएगा।

कक्षा गतिविधि:

वर्णमाला का शुद्ध एवं स्पष्ट उच्चारण सामूहिक रूप से कराया जाएगा तथा शिक्षक उच्चारण के वैज्ञानिक आधार (उच्चारण स्थान) को समझाएँगे।

पश्चात-गतिविधि:

दिए गए शब्दों में स्वर एवं व्यंजन की पहचान कर उनका वर्गीकरण कराया जाएगा।

प्रयोगिक कार्य:

स्वर एवं व्यंजन का वर्गीकरण करते हुए तालिका बनाना तथा उदाहरण सहित प्रस्तुति देना।

3. संधि

पूर्व पाठ गतिविधि:

शब्दों के संयोजन (देव + आलय, राज + ईश्वर) के माध्यम से संधि का बोध कराया जाएगा।

कक्षा गतिविधि:

संधि के प्रकारों को नियम एवं उदाहरण सहित समझाकर ब्लैकबोर्ड अभ्यास कराया जाएगा।

पश्चात-गतिविधि:

दिए गए शब्दों की संधि बनाना एवं पहचान करना।

प्रयोगिक कार्य:

कम से कम 15 संधि शब्दों का संकलन कर उनका विग्रह एवं प्रकार लिखना।

4. शब्द-विचार

पूर्व पाठ गतिविधि:

शब्द की संकल्पना पर प्रश्नोत्तर कर विद्यार्थियों की समझ विकसित की जाएगी।

कक्षा गतिविधि:

शब्दों के भेद (संज्ञा, सर्वनाम, क्रिया) को उदाहरणों सहित स्पष्ट कर अभ्यास कराया जाएगा।

पश्चात-गतिविधि:

विद्यार्थी विभिन्न प्रकार के शब्दों के उदाहरण लिखेंगे।

प्रयोगिक कार्य:

दैनिक जीवन से 20 शब्द एकत्रित कर उनका वर्गीकरण (संज्ञा/सर्वनाम/क्रिया) करना।

5. पर्यायवाची शब्द

पूर्व पाठ गतिविधि:

एक शब्द (जैसे 'सूरज') के विभिन्न पर्याय पूछकर पूर्व ज्ञान जागृत किया जाएगा।

कक्षा गतिविधि:

पर्यायवाची शब्दों का अर्थ, प्रयोग एवं संदर्भ स्पष्ट किया जाएगा।

पश्चात-गतिविधि:

दिए गए शब्दों के पर्याय लिखना।

प्रयोगिक कार्य:

20 पर्यायवाची शब्दों का चित्र/संदर्भ सहित संग्रह तैयार करना।

6. विलोम शब्द

पूर्व पाठ गतिविधि:

शब्दों के विपरीत अर्थ पूछकर अवधारणा स्पष्ट की जाएगी।

कक्षा गतिविधि:

विलोम शब्दों का प्रयोग वाक्यों में कराकर समझ विकसित की जाएगी।

पश्चात-गतिविधि:

दिए गए शब्दों के विलोम लिखना।

प्रयोगिक कार्य:

15 विलोम शब्दों का प्रयोग करते हुए सार्थक वाक्य लिखना।

7. अनेकार्थक शब्द

पूर्व पाठ गतिविधि:

एक शब्द के बहुविध अर्थों पर चर्चा की जाएगी।

कक्षा गतिविधि:

अनेकार्थक शब्दों के विभिन्न अर्थों को संदर्भ सहित समझाया जाएगा।

पश्चात-गतिविधि:

विभिन्न अर्थों में वाक्य निर्माण कराया जाएगा।

प्रयोगिक कार्य:

10 अनेकार्थक शब्दों के कम से कम दो अर्थ एवं वाक्य लिखना।

8. श्रुतिसमभिन्नार्थक शब्द

पूर्व पाठ गतिविधि:

समान उच्चारण वाले शब्दों का मौखिक अभ्यास कराया जाएगा।

कक्षा गतिविधि:

अर्थ के आधार पर भिन्नता स्पष्ट कराई जाएगी।

पश्चात-गतिविधि:

अलग-अलग वाक्य बनवाए जाएँगे।

प्रयोगिक कार्य:

ऐसे 10 शब्दों की सूची बनाकर उनके अर्थ एवं वाक्य प्रयोग लिखना।

9. अनेक शब्दों के लिए एक शब्द

पूर्व पाठ गतिविधि:

वाक्य देकर उपयुक्त एक शब्द खोजने को कहा जाएगा।

कक्षा गतिविधि:

शिक्षक उदाहरणों द्वारा संकल्पना स्पष्ट करेंगे।

पश्चात-गतिविधि:

एक शब्द लिखवाना।

प्रयोगिक कार्य:

20 वाक्यों के लिए एक-एक उपयुक्त शब्द लिखना।

10. एकार्थक प्रतीत होने वाले शब्द

पूर्व पाठ गतिविधि:

समान प्रतीत होने वाले शब्दों का अंतर पूछना।

कक्षा गतिविधि:

सूक्ष्म अर्थभेद को उदाहरण सहित स्पष्ट किया जाएगा।

पश्चात-गतिविधि:

अंतर स्पष्ट करते हुए वाक्य निर्माण कराया जाएगा।

प्रयोगिक कार्य:

10 ऐसे शब्दों के युग्म लिखकर उनका अंतर एवं प्रयोग प्रस्तुत करना।

शब्द निर्माण

✚ मुहावरे और लोकोक्तियाँ

लेखन कौशल

✚ पत्र लेखन (औपचारिक)

✚ चित्र लेखन

✚ अपठित गद्यांश

अर्धवार्षिक परीक्षा
(जून+ जुलाई+अगस्त +सितंबर)

11. उपसर्ग

पूर्व पाठ गतिविधि:

विद्यार्थियों को मूल शब्द (जैसे)- करना, लिखनादेकर उनसे नए शब्द बनवाए जाएँगे (तथा सामान्य उपसर्गों की पहचान कराई जाएगी।

कक्षा गतिविधि:

शिक्षक उपसर्गों के अर्थ एवं उनके प्रयोग को उपयुक्त उदाहरणों के माध्यम से स्पष्ट करेंगे तथा शब्दनिर्माण का अभ्यास कराएँगे-।

पश्चात:गतिविधि-

दिए गए शब्दों में उपसर्ग की पहचान कराते हुए नए शब्दों का निर्माण कराया जाएगा।

प्रयोगिक कार्य:

कम से कम 20 उपसर्गयुक्त शब्दों की सूची तैयार कर उनके अर्थ एवं वाक्य प्रयोग लिखना।

12. प्रत्यय

पूर्व पाठ गतिविधि:

शब्दों के अंत में परिवर्तन कर नए शब्द बनाने का प्रारंभिक अभ्यास कराया जाएगा।

कक्षा गतिविधि:

प्रत्ययों के प्रकार एवं उनके प्रयोग को उदाहरण सहित समझाया जाएगा तथा अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

दिए गए शब्दों में प्रत्यय पृथक कर नए शब्दों का निर्माण कराया जाएगा।

प्रयोगिक कार्य:

तालिका तैयार करें – मूल शब्द + प्रत्यय + नया शब्द (कम से कम 15 उदाहरण)।

13. समास

पूर्व पाठ गतिविधि:

दो या अधिक शब्दों के मेल से बने शब्दों की पहचान कराई जाएगी।

कक्षा गतिविधि:

समास के विभिन्न प्रकारों को नियम एवं उदाहरणों सहित स्पष्ट किया जाएगा।

पश्चात:गतिविधि-

समास शब्दों का विग्रह करने का अभ्यास कराया जाएगा।

प्रयोगिक कार्य:

कम से कम 15 समास शब्दों का विग्रह एवं उनके प्रकार लिखकर चार्ट तैयार करना।

14. संज्ञा

पूर्व पाठ गतिविधि:

कक्षा में उपस्थित वस्तुओं, व्यक्तियों एवं स्थानों के नाम लिखवाकर संज्ञा की अवधारणा स्पष्ट की जाएगी।

कक्षा गतिविधि:

संज्ञा के भेदों का वर्गीकरण उदाहरणों सहित समझाया जाएगा एवं अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

दिए गए अनुच्छेद में संज्ञा शब्दों की पहचान कराई जाएगी।

प्रयोगिक कार्य:

संज्ञा के भेदों का वर्गीकरण करते हुए तालिकाचार्ट तैयार करना।/

15. लिंग

पूर्व पाठ गतिविधि:

पुल्लिंग शब्द देकर उनके स्त्रीलिंग रूप पूछे जाएँगे।

कक्षा गतिविधि:

लिंग परिवर्तन के नियमों को उदाहरणों सहित स्पष्ट किया जाएगा।

पश्चात:गतिविधि-

दिए गए शब्दों का लिंग परिवर्तन कराया जाएगा।

प्रयोगिक कार्य:

कम से कम 20 शब्दों का लिंग परिवर्तन कर उन्हें वाक्यों में प्रयोग करना।

16. वचन

पूर्व पाठ गतिविधि:

एकवचन एवं बहुवचन का मौखिक अभ्यास कराया जाएगा।

कक्षा गतिविधि:

शब्दों का वचन परिवर्तन कराते हुए वाक्य निर्माण कराया जाएगा।

पश्चात:गतिविधि-

वाक्यों को एकवचन से बहुवचन में परिवर्तित कराया जाएगा।

प्रयोगिक कार्य:

एकवचन-बहुवचन की तालिका बनाकर कम से कम 15 उदाहरण लिखना।

17. कारक

पूर्व पाठ गतिविधि:

वाक्य पढ़कर "कौन, किसे, किससे, किसका" आदि प्रश्न पूछकर कारक की समझ विकसित की जाएगी।

कक्षा गतिविधि:

कारकों के भेद एवं उनके चिह्नों को उदाहरणों सहित स्पष्ट किया जाएगा।

पश्चात:गतिविधि-

दिए गए वाक्यों में कारकों की पहचान कराई जाएगी।

प्रयोगिक कार्य:

10 वाक्य बनाकर उनमें प्रयुक्त कारक एवं उनके चिह्नों की पहचान करना।

18. सर्वनाम

पूर्व पाठ गतिविधि:

संज्ञा के स्थान पर प्रयुक्त शब्दों का मौखिक प्रयोग कराया जाएगा। (सर्वनाम)

कक्षा गतिविधि:

सर्वनाम के भेद एवं उनके प्रयोग की उदाहरणों सहित स्पष्ट किया जाएगा।

पश्चात:गतिविधि-

दिए गए वाक्यों में सर्वनाम की पहचान कराते हुए उनका उचित प्रयोग कराया जाएगा।

प्रयोगिक कार्य:

एक अनुच्छेद लिखकर उसमें उपयुक्त सर्वनामों का प्रयोग करना।

शब्द निर्माण

- ✚ विलोम शब्द
- ✚ पर्यायवाची शब्द
- ✚ अनेक शब्दों के लिए एक शब्द
- ✚ मुहावरे और लोकोक्तियाँ

लेखन कौशल

- ✚ चित्र लेखन
- ✚ अपठित गद्यांश
- ✚ संवादलेखन

इकाई द्वितीय

(अक्टूबर-नवंबर)

19. विशेषण

पूर्व पाठ गतिविधि:

वस्तुओं, व्यक्तियों एवं स्थानों के गुणों का वर्णन कराते हुए विशेषण की पहचान कराई जाएगी।

कक्षा गतिविधि:

(विशेषण के प्रकारों गुणवाचक), संख्यावाचक आदिका उदाहरणों सहित अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

दिए गए वाक्यों में विशेषण शब्दों की पहचान कराई जाएगी।

प्रयोगिक कार्य:

किसी चित्र का अवलोकन कर कम से कम 10 वाक्य विशेषणों का प्रयोग करते हुए लिखना।

20. क्रिया

पूर्व पाठ गतिविधि:

विद्यार्थियों से उनके दैनिक कार्यों की सूची बनवाकर क्रिया की अवधारणा स्पष्ट की जाएगी।

कक्षा गतिविधि:

क्रिया के प्रकारों एवं उनके प्रयोग को उदाहरणों सहित समझाया जाएगा तथा अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

दिए गए वाक्यों में क्रिया की पहचान कराई जाएगी।

प्रयोगिक कार्य:

कम से कम 15 क्रियाएँ लिखकर उनसे सार्थक वाक्य बनाना।

21. काल

पूर्व पाठ गतिविधि:

भूतकाल, वर्तमानकाल एवं भविष्यकाल के उदाहरण पूछकर पूर्व ज्ञान सक्रिय किया जाएगा।

कक्षा गतिविधि:

तीनों कालों का तुलनात्मक अध्ययन उदाहरणों सहित कराया जाएगा।

पश्चात:गतिविधि-

दिए गए वाक्यों का काल परिवर्तन कराया जाएगा।

प्रयोगिक कार्य:

किसी एक क्रिया के तीनों कालों के रूप तालिका के रूप में प्रस्तुत करना।

22. वाच्य

पूर्व पाठ गतिविधि:

वाक्यों में कर्ता एवं क्रिया के संबंध पर चर्चा कराई जाएगी।

कक्षा गतिविधि:

कर्तृवाच्य, कर्मवाच्य एवं भाववाच्य का रूपांतरण उदाहरणों सहित समझाया जाएगा तथा अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

दिए गए वाक्यों में वाच्य की पहचान कराई जाएगी।

प्रयोगिक कार्य:

कम से कम 10 वाक्यों को एक वाच्य से दूसरे वाच्य में परिवर्तित करना।

23. क्रिया विशेषण

पूर्व पाठ गतिविधि:

“कैसे, कब, कहाँ” जैसे प्रश्नों के माध्यम से क्रिया विशेषण की अवधारणा स्पष्ट की जाएगी।

कक्षा गतिविधि:

क्रिया विशेषण के प्रकारों का उदाहरणों सहित अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

दिए गए वाक्यों में क्रिया विशेषण की पहचान कराई जाएगी।

प्रयोगिक कार्य:

10 वाक्यों में उपयुक्त क्रिया विशेषण जोड़कर वाक्य विस्तार करना।

24. संबंध बोधक

पूर्व पाठ गतिविधि:

वस्तुओं एवं स्थानों के संबंध का वर्णन कराते हुए अवधारणा स्पष्ट की जाएगी।

कक्षा गतिविधि:

संबंध बोधक शब्दों के प्रयोग से वाक्य निर्माण का अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

दिए गए वाक्यों में संबंध बोधक शब्दों की पहचान कराई जाएगी।

प्रयोगिक कार्य:

चित्र के आधार पर 10 वाक्य लिखना, जिनमें संबंध बोधक शब्दों का प्रयोग हो।

25. समुच्चयबोधक

पूर्व पाठ गतिविधि:

दो सरल वाक्यों को जोड़ने का मौखिक अभ्यास कराया जाएगा।

कक्षा गतिविधि:

समुच्चयबोधक शब्दों (और), लेकिन, क्योंकि आदिके प्रयोग से वाक्य संयोजन कराया जाएगा।

पश्चात:गतिविधि-

दिए गए वाक्यों में समुच्चयबोधक शब्दों की पहचान कराई जाएगी।

प्रयोगिक कार्य:

कम से कम 10 वाक्यों को समुच्चयबोधक शब्दों की सहायता से जोड़कर लिखना।

26. विस्मयादिबोधक

पूर्व पाठ गतिविधि:

विभिन्न भाव आश्चर्य, प्रसन्नता, दुख आदिव्यक्त करने वाले शब्दों का मौखिक अभ्यास कराया जाएगा।

कक्षा गतिविधि:

विभिन्न भावों के अनुसार उपयुक्त विस्मयादिबोधक शब्दों का चयन एवं प्रयोग कराया जाएगा।

पश्चात:गतिविधि-

विस्मयादिबोधक शब्दों का प्रयोग करते हुए वाक्य निर्माण कराया जाएगा।

प्रयोगिक कार्य:

कम से कम 10 वाक्य लिखना, जिनमें विभिन्न विस्मयादिबोधक शब्दों का प्रयोग किया गया हो।

शब्द निर्माण

- ✚ विलोम शब्द
- ✚ पर्यायवाची शब्द
- ✚ अनेक शब्दों के लिए एक शब्द
- ✚ मुहावरे और लोकोक्तियाँ

लेखन कौशल

- ✚ पत्र लेखन (अनौपचारिक)
- ✚ कहानी लेखन
- ✚ अपठित गद्यांश
- ✚ अनुच्छेद लेखन

वार्षिक परीक्षा
(दिसंबर + जनवरी + फरवरी)

27. पद परिचय एवं-पदबंध

पूर्व पाठ गतिविधि:

संज्ञा, सर्वनाम, क्रिया आदि शब्दभेदों की संक्षिप्त पुनरावृत्ति कराई जाएगी।-

कक्षा गतिविधि:

वाक्यों का विश्लेषण कर प्रत्येक पद का प्रकार (शब्द), लिंग, वचन, कारक आदि के आधार पर परिचय कराया जाएगा तथा पदबंध की अवधारणा स्पष्ट की जाएगी।

पश्चात:गतिविधि-

दिए गए वाक्यों में विभिन्न पदों की पहचान एवं वर्गीकरण कराया जाएगा।

प्रयोगिक कार्य:

कम से कम 5 वाक्यों का पूर्ण पदपरिचय लिखना।-

28. वाक्यविचार-

पूर्व पाठ गतिविधि:

अव्यवस्थित शब्दों को सही क्रम में लगाकर सार्थक वाक्य बनाने का अभ्यास कराया जाएगा।

कक्षा गतिविधि:

वाक्य के प्रकार (विधान), प्रश्नवाचक, विस्मयादिबोधक आदिका अध्ययन एवं उदाहरणों (सहित) अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

वाक्यों में कर्ता एवं क्रिया की पहचान कराई जाएगी।

प्रयोगिक कार्य:

कम से कम 10 वाक्य बनाकर उनके प्रकार लिखना।

29. वाक्य रचना की सामान्य अशुद्धियाँ

पूर्व पाठ गतिविधि:

त्रुटिपूर्ण वाक्यों की पहचान कराई जाएगी। (गलत)

कक्षा गतिविधि:

वाक्य रचना में होने वाली सामान्य त्रुटियों (लिंग), वचन, काल, वर्तनी आदिको (उदाहरणों सहित समझाकर सुधार अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

दिए गए अशुद्ध वाक्यों को शुद्ध रूप में परिवर्तित कराया जाएगा।

प्रयोगिक कार्य:

कम से कम 15 वाक्यों की त्रुटिसुधार सूची तैयार करना।-

30. विरामचिह्न-

पूर्व पाठ गतिविधि:

विभिन्न विरामपूर्ण विराम) चिह्नों-, अल्पविराम, प्रश्नवाचक चिह्न आदिकी पहचान कराई (जाएगी।

कक्षा गतिविधि:

पठन एवं लेखन के दौरान उचित स्थान पर विरामचिह्नों के प्रयोग का अभ्यास कराया - जाएगा।

पश्चात:गतिविधि-

दिए गए वाक्योंचिह्न लगाने का अभ्यास कराया जाएगा।-अनुच्छेद में उचित विराम/

प्रयोगिक कार्य:

एक अनुच्छेद लिखकर उसमें सभी आवश्यक विराम चिह्नों का-सही प्रयोग करना।

31. मुहावरे एवं लोकोक्तियाँ

पूर्व पाठ गतिविधि:

दैनिक जीवन में प्रयुक्त मुहावरों एवं लोकोक्तियों पर चर्चा कराई जाएगी।

कक्षा गतिविधि:

मुहावरों एवं लोकोक्तियों के अर्थ एवं उनके सही प्रयोग का अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

दिए गए मुहावरोंलोकोक्तियों का वाक्यों में प्रयोग कराया जाएगा।/

प्रयोगिक कार्य:

कम से कम 10 मुहावरों एवं 5 लोकोक्तियों का अर्थ एवं वाक्य प्रयोग लिखना।

32. अलंकार

पूर्व पाठ गतिविधि:

काव्य पंक्तियों के माध्यम से भाषा की सौंदर्यात्मक विशेषताओं का बोध कराया जाएगा।

कक्षा गतिविधि:

(अलंकारों के प्रकार जैसे)– उपमा, रूपक आदिको उदाहरणों सहित समझाया जाएगा तथा पहचान का अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

दिए गए उदाहरणों में प्रयुक्त अलंकारों की पहचान कराई जाएगी।

प्रयोगिक कार्य:

कम से कम 5 उदाहरण लिखकर उनमें प्रयुक्त अलंकार की पहचान करना।

शब्द निर्माण

- ✚ विलोम शब्द
- ✚ पर्यायवाची शब्द
- ✚ अनेक शब्दों के लिए एक शब्द
- ✚ मुहावरे और लोकोक्तियाँ

लेखन कौशल

- ✚ कहानी लेखन
- ✚ अपठित गद्यांश
- ✚ निबंध लेखन

विशेष - इस विषय सूची में दी गई सभी इकाइयों में विलोम शब्द, पर्यायवाची शब्द, अनेकार्थी शब्द, अनेक शब्दों के लिए एक शब्द, एकार्थक प्रतीत होने वाले शब्द तथा अपठित गद्यांश और पद्यांश अनिवार्य रूप से सम्मिलित हैं।

Note: Periodic Test-II will be included in Annual Examination

हिन्दी-II

इकाई – प्रथम (अप्रैल + मई)

1. स्वदेश (कविता)

पूर्व पाठ गतिविधि:

- "स्वदेश" शब्द सुनकर मन में क्या भाव आते हैं, इस पर सामूहिक चर्चा कराई जाएगी।
- विद्यार्थियों से अपने देश से जुड़ी उन बातों/वस्तुओं को लिखने हेतु प्रेरित किया जाएगा / जिन पर उन्हें गर्व हो।

कक्षा गतिविधि:

- कविता का सस्वर पठन एवं व्याख्या की जाएगी।
- कवि द्वारा व्यक्त देशभक्ति की भावना पर शिक्षक द्वारा चर्चा एवं विश्लेषण कराया जाएगा।

पश्चात:गतिविधि-

- कविता का भावार्थ अपने शब्दों में लिखें।
- कवि ने देश के प्रति कौनसी भावना व्यक्त की है-?

2. दो गौरैया (कहानी)

पूर्व पाठ गतिविधि:

- विद्यार्थियों से पक्षियों से जुड़े अपने अनुभव साझा करने के लिए कहा जाएगा।
- शीर्षक के आधार पर कहानी के विषय का अनुमान लगाने हेतु प्रेरित किया जाएगा।

कक्षा गतिविधि:

- कहानी का वाचन, कथानक एवं पात्रों पर चर्चा।
- कहानी के मुख्य संदेश एवं घटनाओं का विश्लेषण।

पश्चात:गतिविधि-

- कहानी से क्या सीख मिलती है?
- गौरैया के गुण लिखिए।

परियोजना कार्य (Term 1)

विषय : "मेरा स्वदेश – मेरी पहचान"

- अपने देश की संस्कृति, परंपरा एवं राष्ट्रीय प्रतीकों पर आधारित एक प्रोजेक्ट फाइल तैयार करें।
- चित्र, स्लोगन एवं संक्षिप्त विवरण शामिल करें।

कॉपी कार्य:

नए शब्द, शब्दार्थ-, लघु एवं दीर्घ प्रश्नोत्तर-, वाक्य बनाना, पुस्तक के अभ्यास प्रश्न, तथा अध्याय से संबंधित चित्र।

अर्धवार्षिक परीक्षा

(जून + जुलाई + अगस्त + सितंबर)

3. एक आशीर्वाद (कविता)

पूर्व पाठ गतिविधि:

- बड़ों के आशीर्वाद के महत्व पर चर्चा कराई जाएगी।
- विद्यार्थियों से मातापिता एवं गुरु के प्रति अपने विचार व्यक्त करने को कहा जाएगा।-

कक्षा गतिविधि:

- कविता का सस्वर पठन एवं भावार्थ समझाया जाएगा।
- आशीर्वाद के जीवन में प्रभाव पर चर्चा।

पश्चात:गतिविधि-

- कविता का संदेश लिखें।
- आपको मिला कोई आशीर्वाद लिखिए।

4. हरिद्वार(पत्र)

पूर्व पाठ गतिविधि:

- पत्र के प्रकारों के नाम बताने हेतु विद्यार्थियों को प्रेरित किया जाएगा।

- विद्यार्थियों से पूछा जाएगा कि क्या उन्होंने कभी पत्र लिखा है; यदि हाँ, तो किसे लिखा था।

कक्षा गतिविधि:

- पत्र लेखन की संरचना एवं शैली का अभ्यास कराया जाएगा।
- पाठ का वाचन एवं आशय स्पष्ट किया जाएगा।

पश्चात:गतिविधि-

- पत्र का सार लिखिए।
- अपने मित्र को एक अनौपचारिक पत्र लिखिए।

5. कबीर के दोहे

पूर्व पाठ गतिविधि:

- संत कबीर के जीवन एवं विचारों पर संक्षिप्त चर्चा।
- 'दोहा' की संकल्पना को स्पष्ट किया जाएगा।

कक्षा गतिविधि:

- दोहों का पठन, भावार्थ एवं नैतिक शिक्षा पर चर्चा।
- प्रत्येक दोहे के निहित संदेश का विश्लेषण।

पश्चात:गतिविधि-

- किसी एक दोहे की व्याख्या करें।
- दोहे से मिलने वाली शिक्षा लिखें।

(परियोजना कार्य)(Half-Yearly / Term 2)

विषय :“भारतीय संत एवं नैतिक मूल्य”

- कबीर या किसी अन्य संत के जीवन एवं शिक्षाओं पर प्रोजेक्ट तैयार करें।
- उनके दोहेविचारों के साथ चित्र एवं व्याख्या शामिल करें।/

कॉपी कार्य:

नए शब्द, शब्दार्थ-, लघु एवं दीर्घ प्रश्नोत्तर-, वाक्य बनाना, पुस्तक के अभ्यास प्रश्न, तथा अध्याय से संबंधित चित्र।

Note: Periodic Test-I will be included in Half Yearly Examination.

इकाई - द्वितीय (अक्टूबर-नवंबर)

6. एक टोकरी भर मिट्टी (कहानी)

पूर्व पाठ गतिविधि:

- किसान के जीवन एवं उसके महत्व पर चर्चा।
- शीर्षक का अर्थ समझने का प्रयास कराया जाएगा।

कक्षा गतिविधि:

- कहानी का वाचन एवं घटनाक्रम पर चर्चा।
- मुख्य पात्रों एवं संदेश का विश्लेषण।

पश्चात:गतिविधि-

- कहानी का सार लिखें।
- कहानी का सबसे प्रभावशाली पात्र कौन है?

7. मत बांधो (कविता)

पूर्व पाठ गतिविधि:

- समाज में एकता के महत्व पर चर्चा।
- "बाँटना" शब्द के सामाजिक अर्थ को स्पष्ट किया जाएगा।

कक्षा गतिविधि:

- कविता का पठन एवं भावार्थ समझाया जाएगा।
- एकता एवं सद्भाव के मूल्यों पर विचारविमर्श।-

पश्चात:गतिविधि-

- कविता का मुख्य भाव लिखें।
- एकता पर कुछ वाक्य लिखिए।

8. नए मेहमान (एकांकी)

पूर्व पाठ गतिविधि:

- नाटकएकांकी के तत्वों पर चर्चा।/
- मेहमान आने पर घर के वातावरण के बारे में बातचीत।

कक्षा गतिविधि:

- एकांकी का पाठ एवं पात्रों का अभिनयात्मक प्रस्तुतीकरण।
- संवाद शैली एवं घटनाक्रम का विश्लेषण।

पश्चात:गतिविधि-

- पात्रों का चरित्रचित्रण करें।-
- किसी एक दृश्य को संवाद सहित लिखें।

परियोजना कार्य (Term 3)

विषय : "एकता और सहयोग"

- समूह में कार्य करते हुए एक पोस्टरचार्ट तैयार करें जिसमें एकता का संदेश हो।/
- एक छोटी कहानी या नारा भी शामिल करें।

काँपी कार्य:

नए शब्द, शब्दार्थ-, लघु एवं दीर्घ प्रश्नउत्तर-, वाक्य बनाना, पुस्तक के अभ्यास प्रश्न, तथा अध्याय से संबंधित चित्र।

वार्षिक परीक्षा
(दिसंबर + जनवरी + फरवरी)

9. आदमी का अनुपात (कविता)

पूर्व पाठ गतिविधि:

- हम किसी व्यक्ति को कैसे परखते हैं, इस पर चर्चा।
- बाहरी रूप एवं आंतरिक गुणों के अंतर पर विचार।

कक्षा गतिविधि:

- कविता का पठन एवं भावार्थ स्पष्ट किया जाएगा।
- नैतिक संदेश एवं जीवन मूल्यों पर चर्चा।

पश्चात: गतिविधि-

- कविता का संदेश लिखें।
- "इंसान की पहचान उसके कर्म से होती है" – समझाइए।

10. तरुण के स्वप्न (उद्बोधन)

पूर्व पाठ गतिविधि:

- युवाओं के सपनों एवं लक्ष्यों पर बातचीत।
- 'उद्बोधन' की संकल्पना को स्पष्ट किया जाएगा।

कक्षा गतिविधि:

- पाठ का वाचन एवं मुख्य विचारों का विश्लेषण।
- प्रेरणादायक विचारों पर चर्चा।

पश्चात: गतिविधि-

- उद्बोधन का सार लिखिए।
- अपने सपनों पर छोटा भाषण लिखिए।

(परियोजना कार्य) (Term 4 / Annual)

विषय : "मेरे सपने – मेरा लक्ष्य"

- अपने जीवन के लक्ष्य पर आधारित एक प्रोजेक्ट फाइलचार्ट तैयार करें।
- उसमें लक्ष्य, प्रेरणा स्रोत एवं उसे प्राप्त करने की योजना लिखें।

कॉपी कार्य:

नए शब्द, शब्दार्थ-, लघु एवं दीर्घ प्रश्नोत्तर-, वाक्य बनाना, पुस्तक के अभ्यास प्रश्न, तथा अध्याय से संबंधित चित्र।

Mathematics
Periodic Test-I
(April + May)

Chapter 1 – Integers

Chapter 1: Rational Numbers

Pre-Activity: Students will revise the concepts of fractions and integers to build a foundational understanding of rational numbers.

- Post-Activity:** Students will represent rational numbers on a number line and perform fundamental operations.
- Project Work:** Prepare a chart illustrating the application of rational numbers in real-life situations.
-

Chapter 2: Exponents

- Pre-Activity:** The concept of repeated multiplication will be introduced to explain exponents.
- Post-Activity:** Students will practice and apply the laws of exponents through structured exercises.
- Project Work:** Design a chart presenting the rules and properties of exponents with examples.
-

Chapter 3: Squares & Square Roots

- Pre-Activity:** Students will identify and list perfect square numbers.
- Post-Activity:** Square roots will be calculated using various methods.
- Project Work:** Create a chart displaying square number patterns.
-

Chapter 4: Cubes & Cube Roots

- Pre-Activity:** The concept of cubes will be introduced with suitable examples.
- Post-Activity:** Students will solve problems based on cube roots.
- Project Work:** Prepare an activity-based chart illustrating cube number patterns.
-

Chapter 5: Playing with Numbers

- Pre-Activity:** Divisibility rules will be discussed and reviewed.
- Post-Activity:** Students will apply these rules to solve numerical problems.
- Project Work:** Develop a number puzzle worksheet based on learned concepts.
-

Half Yearly Examination **(June + July + August+ September)**

Chapter 6: Algebraic Expressions

- Pre-Activity:** Basic algebraic concepts will be revised.
- Post-Activity:** Students will perform operations on algebraic expressions.
- Project Work:** Conduct an activity using algebra tiles for better conceptual understanding.
-

Chapter 7: Factorisation

- Pre-Activity:** The concept of common factors will be introduced.
- Post-Activity:** Students will practice different methods of factorisation.
- Project Work:** Prepare a factor tree chart for various numbers.
-

Chapter 8: Linear Equations

Pre-Activity: The concept of equations will be introduced with simple examples.

Post-Activity: Students will solve word problems based on linear equations.

Project Work: Design a poster showing applications of equations in daily life.

Chapter 9: Percentage

Pre-Activity: Conversion of fractions and decimals into percentages will be discussed.

Post-Activity: Students will solve real-life numerical problems based on percentages.

Project Work: Prepare a discount chart showing percentage applications.

Chapter 10: Profit & Loss

Pre-Activity: Concepts of Cost Price (CP) and Selling Price (SP) will be introduced.

Post-Activity: Students will solve problems related to profit and loss.

Project Work: Conduct a simulated shop activity to understand practical applications.

Chapter 11: Compound Interest

Pre-Activity: Simple Interest concepts will be revised.

Post-Activity: Students will solve problems related to compound interest.

Project Work: Prepare a comparative chart of bank interest rates.

Chapter 12: Direct & Inverse Proportion

Pre-Activity: The concept of ratios will be explained.

Post-Activity: Students will identify and differentiate between direct and inverse proportion.

Project Work: Prepare a chart showing real-life applications of proportion.

Chapter 13: Time & Work

Pre-Activity: The concept of work and efficiency will be discussed.

Post-Activity: Students will solve numerical problems related to time and work.

Project Work: Perform a group activity demonstrating work efficiency.

Note- Periodic Test–I will be included in Half Yearly Examination

Periodic Test–II
(October+ November)

Chapter 14: Polygons

Pre-Activity: Students will identify different types of polygons.

Post-Activity: Angle sum properties will be applied in problem-solving.

Project Work: Prepare a chart showing types and properties of polygons.

Chapter 15: Quadrilaterals

Pre-Activity: Types and properties of quadrilaterals will be introduced.

Post-Activity: Students will verify properties through exercises.

Project Work: Prepare a classification chart of quadrilaterals.

Chapter 16: Parallelograms

Pre-Activity: Properties of opposite sides will be explained.

Post-Activity: Students will practice theorems related to parallelograms.

Project Work: Perform a paper folding activity to verify properties.

Chapter 17: Construction of Quadrilaterals

Pre-Activity: Students will be introduced to geometrical instruments and their usage.

Post-Activity: Students will draw geometrical constructions accurately.

Project Work: Create geometrical models using construction techniques.

Annual Examination **(December + January+ February)**

Chapter 18: Area of Trapezium & Polygon

Pre-Activity: Area formulas of basic shapes will be revised.

Post-Activity: Students will solve numerical problems based on area.

Project Work: Prepare a chart representing land area calculations.

Chapter 19: 3D Figures

Pre-Activity: Students will identify various three-dimensional shapes.

Post-Activity: Faces, edges, and vertices will be analyzed.

Project Work: Construct models of 3D figures.

Chapter 20: Volume & Surface Area

Pre-Activity: Concepts of cube and cuboid will be revised.

Post-Activity: Students will solve problems related to volume and surface area.

Project Work: Perform an activity using box models to understand concepts.

Chapter 21: Data Handling

Pre-Activity: Students will collect and organize data.

Post-Activity: Mean, median, and mode will be calculated.

Project Work: Conduct a survey-based project and present findings.

Chapter 22: Coordinate Geometry

Pre-Activity: Basic concepts of graphs will be introduced.

Post-Activity: Students will plot points on the coordinate plane.

Project Work: Create graphical art using plotted points.

Chapter 23: Line Graphs

Pre-Activity: The concept and uses of graphs will be discussed.

Post-Activity: Students will draw and interpret line graphs.

Project Work: Prepare a temperature graph based on collected data.

Chapter 24: Pie Charts

Pre-Activity: Division of a circle into sectors will be explained.

Post-Activity: Students will construct pie charts.

Project Work: Prepare a daily routine pie chart.

Chapter 25: Probability

Pre-Activity: The concept of chance and likelihood will be introduced.

Post-Activity: Students will solve basic probability problems.

Project Work: Conduct experiments using dice or coins and record observations.

Note Periodic Test– II will be included in Annual Examination

Science
Periodic Test–I
(April-May)

Chapter 1: Exploring the Investigative World of Science

Pre-Activity:

- Brainstorming session on “Science Beyond Textbooks”.
- Observation and discussion of scientific processes in daily life (home/school).

Classroom / Book Activities:

- Reading and understanding scientific methods.
- Discussion on observation, hypothesis, and experimentation.

Post-Activities:

- “Think Like a Scientist” analytical questions.
- Application-based reasoning exercises.

Chapter Practicals:

- Observation to inference activity.
- Simple cause-and-effect experiment.

Project Work:

- Project: *Science in Daily Life*.
 - Chart: *Branches of Science and Their Applications*.
-

Chapter 2: The Invisible Living World – Beyond Our Naked Eye

Pre-Activity:

- Discussion on the need for microscopes.
- Picture-based observation of cells.

Classroom / Book Activities:

- Study of cell structure and functions.
- Identification of cell organelles.

Post-Activities:

- Labelled diagrams of plant and animal cells.
- Comparison table: Plant Cell vs Animal Cell.

Chapter Practicals:

- Preparation of onion peel temporary mount (diagram-based).
- Observation of prepared slides (demonstration).

Project Work:

- 3D Model of a Cell.
- Scrapbook on Microorganisms.

Chapter 3: Health – The Ultimate Treasure

Pre-Activity:

- Survey on healthy habits among students.
- Discussion on communicable and non-communicable diseases.

Classroom / Book Activities:

- Study of disease transmission and prevention.
- Balanced diet and nutrition concepts.

Post-Activities:

- Flowchart: Modes of transmission of diseases.
- Case-based questions.

Chapter Practicals:

- Hand-washing demonstration.
- Food habit analysis activity.

Project Work:

- Poster on Hygiene and Vaccination.
- Balanced Diet Chart.

Half Yearly Examination **(June to September)**

Chapter 4: Electricity – Magnetic and Heating Effects

Pre-Activity:

- Identification of electrical appliances.
- Discussion on electrical safety rules.

Classroom / Book Activities:

- Study of electric circuits and current flow.
- Understanding heating and magnetic effects.

Post-Activities:

- Numerical problem solving.

- Diagram-based questions.

Chapter Practicals:

- Construction of a simple electric circuit.
- Activities on heating and magnetic effects of current.

Project Work:

- Working Model of Electric Circuit.
 - Chart on Types of Batteries.
-

Chapter 5: Exploring Forces**Pre-Activity:**

- Push and pull activities.
- Real-life examples of forces.

Classroom / Book Activities:

- Types of forces and their effects.
- Friction and its applications.

Post-Activities:

- MCQs and reasoning questions.
- Match the following exercises.

Chapter Practicals:

- Effect of force on shape and motion.
- Friction experiment.

Project Work:

- Project: *Types of Forces in Daily Life*.
 - Friction Model.
-

Chapter 6: Pressure, Winds, Storms and Cyclones**Pre-Activity:**

- Balloon and bottle activity.
- Discussion on storms and cyclones.

Classroom / Book Activities:

- Study of air pressure and wind formation.
- Understanding natural disasters.

Post-Activities:

- Diagram interpretation.
- Case study-based questions.

Chapter Practicals:

- Air exerts pressure experiment.
- Wind direction activity.

Project Work:

- Disaster Management Project (Cyclone/Flood).
 - Safety Measures Chart.
-

Chapter 7: Particulate Nature of Matter**Pre-Activity:**

- Observation of solids, liquids, and gases.

- Ice melting discussion.

Classroom / Book Activities:

- Properties of matter.
- States of matter and changes.

Post-Activities:

- Fill in the blanks.
- State change diagrams.

Chapter Practicals:

- Diffusion of ink in water.
- Demonstration of change of state.

Project Work:

- Model showing states of matter.
- Diffusion poster.

Note- Periodic Test– I will be included in Half Yearly Examination

Unit-II
(October to November)

Chapter 8: Nature of Matter – Elements, Compounds and Mixtures

Pre-Activity:

- Classification of household materials.
- Discussion on pure and impure substances.

Classroom / Book Activities:

- Study of elements, compounds, and mixtures.
- Methods of separation.

Post-Activities:

- Classification tables.

Chapter Practicals:

- Separation of sand and salt.
- Preparation of mixtures.

Project Work:

- Chart: Elements, Compounds, and Mixtures.
- Separation Techniques Model.

Chapter 9: The Amazing World of Solutes, Solvents and Solutions

Pre-Activity:

- Sugar-water activity.
- Identification of solute and solvent.

Classroom / Book Activities:

- Types of solutions.
- Concentration and density.

Post-Activities:

- Numerical problems (density-based).
- Conceptual questions.

Chapter Practicals:

- Preparation of true solution, suspension, and colloid.
- Density comparison activity.

Project Work:

- Solutions in Daily Life.
- Density Chart.

Chapter 10: Light – Mirrors and Lenses

Pre-Activity:

- Identification of mirrors used at home.
- Discussion on image formation.

Classroom / Book Activities:

- Laws of reflection.
- Types of mirrors and lenses.

Post-Activities:

- Ray diagrams.
- Numerical problems.

Chapter Practicals:

- Image formation by plane mirror.
- Study of concave and convex mirrors (ray diagrams).

Project Work:

- Working Periscope/Kaleidoscope.
- Chart on Uses of Mirrors and Lenses.

Annual Examination
(December to February)

Chapter 11: Keeping Time with the Skies

Pre-Activity:

- Observation of moon phases.
- Discussion on calendars.

Classroom / Book Activities:

- Study of celestial movements.
- Time measurement methods.

Post-Activities:

- Diagram-based questions.

Chapter Practicals / Activities:

- Moon phase calendar preparation.
- Timekeeping methods activity.

Project Work:

- Project on Lunar and Solar Calendars.
- Sky Observation Diary.

Chapter 12: How Nature Works in Harmony

Pre-Activity:

- Discussion on ecosystem.
- Food chain examples.

Classroom / Book Activities:

- Biotic and abiotic components.
- Food chains and food webs.

Post-Activities:

- Flowcharts and diagrams.
- Reasoning questions.

Chapter Practicals:

- Study of biotic and abiotic components.
- Local ecosystem survey.

Project Work:

- Ecosystem Model.
- Food Web Chart.

Chapter 13: Our Home – Earth, a Unique Life-Supporting Planet**Pre-Activity:**

- Discussion on Earth's uniqueness.
- Recap of the solar system.

Classroom / Book Activities:

- Conditions necessary for life on Earth.
- Environmental balance.

Post-Activities:

- Conceptual questions.
- Diagram-based exercises.

Chapter Practicals / Activities:

- Model of the solar system.
- Environmental conservation activity.

Project Work:

- Project: *Saving Earth*.
- Chart on Threats to Life on Earth.

Note Periodic Test–II will be included in Annual Examination

Social Science
Periodic Test–I
(April+ May)

THEME A: INDIA AND THE WORLD – LAND AND THE PEOPLE**Chapter: Natural Resources and Their Use****Learning Objectives:**

- Understand types of natural resources (renewable & non-renewable)
- Analyze the importance and conservation of resources
- Develop awareness about sustainable use

Pre-Activity:

- Discussion on daily use resources (water, air, soil)
- Identify natural vs man-made resources

Experiential Learning Activities:

- “ Tracing Things Back to Nature”- Resource Detective

Map Work:

- Mark major resource regions of India (coal, petroleum, forests)

Post-Activity:

- Worksheet and short answer questions
- Class quiz

Project Work:

- “Save Natural Resources” awareness project

THEME B: TAPESTRY OF THE PAST**Chapter: Reshaping India’s Political Map****Learning Objectives:**

- Understand reorganization of Indian states
- Identify political changes post-independence

Pre-Activity:

- Discussion on states and languages
- Identify own state and neighbouring states

Experiential Learning Activities:

- “Empire on the Move” – Mapping Medieval India

Map Work:

- Political map – States and Capitals

Post-Activity:

- Worksheet and oral questioning

Project Work:

- Prepare a chart on Indian states and their formation

THEME D: GOVERNANCE AND DEMOCRACY**Chapter: Universal Franchise and India’s Electoral System****Learning Objectives:**

- Understand concept of universal adult franchise
- Learn electoral process in India

Pre-Activity:

- Discussion on elections and voting

Experiential Learning Activities:

- Design Your Own EVM- VVPAT Model

Map Work:

- Identify constituencies (basic understanding)

Post-Activity:

- Quiz and worksheet

Project Work:

- Report on “Importance of Voting”

Half Yearly Examination
(June + July+ August+ September)

THEME B: TAPESTRY OF THE PAST

Chapter: The Rise of the Marathas

Learning Objectives:

- Understand the rise and expansion of the Maratha Empire
- Learn about key figures like Shivaji

Pre-Activity:

- Discussion on regional powers in India

Experiential Learning Activities:

- “ Council of Eight”- Designing Shivaji’s Government

Map Work:

- Maratha Empire regions

Post-Activity:

- Short and long answer questions

Project Work:

- Project on “Life and Achievements of Shivaji”

Chapter: The Colonial Era in India

Learning Objectives:

- Understand British expansion in India
- Analyze impact of colonial rule

Pre-Activity:

- Discussion on foreign trade and colonization

Experiential Learning Activities:

- “ Trading Company or Empire?” – The East India Strategy Game

Map Work:

- British territories in India

Post-Activity:

- Worksheets and revision test

Project Work:

- Project on “Impact of British Rule in India”

THEME D: GOVERNANCE AND DEMOCRACY

Chapter: The Parliamentary System: Legislature and Executive

Learning Objectives:

- Understand structure of Parliament
- Differentiate between Legislature and Executive

Pre-Activity:

- Discussion on government roles

Experiential Learning Activities:

- “ Two House Challenge”- Lok Sabha and Rajya Sabha in Action.

Map Work:

- Locate New Delhi (Parliament House)

Post-Activity:

- Question-answer session

Project Work:

- Chart on structure of Indian Government

THEME E: ECONOMIC LIFE AROUND US

Chapter: Factors of Production

Learning Objectives:

- Understand land, labour, capital, and entrepreneurship
- Analyze their role in production

Pre-Activity:

- Discussion on daily economic activities

Experiential Learning Activities:

- “ Build Your Own Business”- Exploring Factors of Production.

Map Work:

- Identify industrial/agricultural regions

Post-Activity:

- Worksheets and class test

Project Work:

- Survey on factors of production in local area

Note- Periodic Test–I will be included in Half Yearly Examination

Periodic Test–II (October+ November)

The second Social Science book has not been received yet; the syllabus will be provided once it is available.

Annual Examination (December+ January +February)

The second Social Science book has not been received yet; the syllabus will be provided once it is available.

Note: Periodic Test–II will be included in Annual Examination

COMPUTER Periodic Test–1 (April + May)

Chapter 1: Networks

Pre-Activity:

- Discussion on how computers are connected in school and at home.
- Brainstorming on internet usage in daily life.

Classroom Activity:

- Explanation of different network types and topologies (Star, Bus, Ring).
- Identification of networking devices used in the school lab.

Lab Activity:

- Drawing and labeling network topologies.
- Demonstration of LAN connection setup (teacher-guided).

Post-Activity:

- Worksheet on network types and devices.
- Short answer and diagram-based questions.

Project Work:

- Prepare a working model/chart showing a LAN connection in a school.
-

Chapter 2: Introduction to Cloud Computing**Pre-Activity:**

- Discussion on storing files online vs offline.
- Sharing examples of commonly used cloud platforms.

Classroom Activity:

- Explanation of cloud computing concepts and service models (IaaS, PaaS, SaaS).
- Discussion on deployment models (Public, Private, Hybrid).

Lab Activity:

- Listing and classification of cloud services (Google Drive, OneDrive, etc.).
- Demonstration of file upload/download using cloud platforms.

Post-Activity:

- Concept-based questions and classification exercises.
- MCQs on cloud computing.

Project Work:

- Create a presentation on *Advantages and Deployment Models of Cloud Computing*.

Half Yearly Examination
(June + July + August + September)

Chapter 3: Making Sense of Data (Organizing & Visualizing Information)**Pre-Activity:**

- Discussion on importance of data in daily life.
- Collecting simple classroom data (marks, attendance).

Classroom Activity:

- Explanation of data organization techniques.
- Introduction to charts (Bar Graph, Pie Chart).

Lab Activity:

- Creating charts in Excel using class data.

Post-Activity:

- Interpretation of graphs and charts.
- Analytical questions based on data.

Project Work:

- Prepare a report analyzing class performance using graphs and charts.
-

Chapter 4: Introduction to Data Science & Data Visualization**Pre-Activity:**

- Discussion on sources of data (Primary and Secondary).

- Real-life examples of data usage.

Classroom Activity:

- Introduction to data science concepts.
- Importance of data visualization.

Lab Activity:

- Identification and classification of data sources.

Post-Activity:

- Case-based questions.
- Short descriptive answers.

Project Work:

- Prepare a mini case study on *Use of Data Science in Healthcare or Banking*.

Chapter 5: ML Using Teachable Machines

Pre-Activity:

- Discussion on Artificial Intelligence and Machine Learning basics.
- Examples of AI in daily life.

Classroom Activity:

- Explanation of supervised learning with simple examples.
- Demonstration of Teachable Machine tool.

Lab Activity:

- Training a simple image/sound recognition model using Teachable Machine.

Post-Activity:

- Reflection questions on model accuracy and limitations.
- MCQs and application-based questions.

Project Work:

- Create and demonstrate a simple ML model (e.g., Mask Detection/Object Recognition).

Note: Periodic Test-1 syllabus will also be included in Half-Yearly Examination.

Periodic Test – 2
(October + November)

Chapter 6: Making Interactive Web Pages

Pre-Activity:

- Discussion on websites and web pages.
- Identifying common elements of a webpage.

Classroom Activity:

- Introduction to HTML structure and form elements.

Lab Activity:

- Creating HTML forms using input elements.

Post-Activity:

- Practice-based questions on HTML tags and structure.

Project Work:

- Design a *Student Registration Form* webpage using HTML.
-

Chapter 7: Tinkercad Circuits

Pre-Activity:

- Discussion on basic electronic components (LED, battery, resistor).
- Introduction to circuit simulation.

Classroom Activity:

- Explanation of circuit design and connections.

Lab Activity:

- Building a simple LED circuit using Tinkercad.

Post-Activity:

- Observation-based questions.
- Circuit diagram exercises.

Project Work:

- Design and simulate a real-life circuit (e.g., Traffic Light System).

Annual Examination
(December + January + February)

Chapter 8: Functions in Python

Pre-Activity:

- Discussion on daily life tasks and breaking them into steps.
- Introduction to the concept of functions.

Classroom Activity:

- Explanation of user-defined functions and syntax.

Lab Activity:

- Writing simple Python programs using functions.

Post-Activity:

- Practice problems and debugging exercises.

Project Work:

- Develop a Python Calculator using functions.
-

Chapter 9: Libraries in Python

Pre-Activity:

- Discussion on the need for libraries in programming.

Classroom Activity:

- Introduction to Pandas and Matplotlib.

Lab Activity:

- Creating graphs using Matplotlib.
- Basic data analysis using Pandas.

Post-Activity:

- Interpretation of graphs.
- Conceptual and application-based questions.

Project Work:

- Analyze a dataset using Pandas and create visualizations.
-

STEM LAB & CAPSTONE (Final Submission)

STEM Lab 1: Flying Message Network

Pre-Activity:

- Discussion on message transmission methods.

Classroom Activity:

- Understanding network communication concepts.

Lab Activity:

- Activity-based implementation of message transfer model.

Post-Activity:

- Reflection and analysis of the activity.

Project Work:

- Practical demonstration and documentation.
-

STEM Lab 2: Smart Sensor Dashboard

Pre-Activity:

- Introduction to sensors and smart systems.

Classroom Activity:

- Explanation of dashboards and real-time data.

Lab Activity:

- Sensor simulation and dashboard creation.

Post-Activity:

- Analysis of results and observations.

Project Work:

- Final capstone submission with working model/report.

Note: Periodic Test-2 syllabus will also be included in Annual Examination.

General Knowledge

Periodic Test– I

(April + May)

Chapters:

Unit 1: The World Around Us

Plants Habitats

Animal Habitats

Animal Senses

Marine Life

Unit 2: Words and More

Economic and Political Terms

New Terms

Famous Poems and Poets

Unit 3: The Magic of Books

Indian Women Writers

The Bard of Avon

Pre-Activity:

- General discussion on surroundings, environment, and daily life awareness.
- Brainstorming on famous personalities and current national events.

Classroom Activity:

- Reading and explanation of chapters.
- Quiz, group discussions, and vocabulary building exercises.

Post-Activity:

- Worksheets, MCQs, and oral quizzes.
- Picture-based and reasoning-based questions.

Project Work:

- Chart on *Environmental Conservation*.
- Scrapbook on *Important Current Events*.

Current Affairs (1–20):

1. Who is the current Prime Minister of India?
2. Who is the President of India?
3. Which country hosted the 2023 Cricket World Cup?
4. What is the capital of Japan?
5. Which Indian city hosted the G20 Summit 2023?
6. Who is the current Chief Justice of India?
7. What is the national animal of India?
8. Which planet is called the Red Planet?
9. Who won the 2023 ICC Cricket World Cup?
10. Which Indian mission landed on the Moon in 2023?
11. Who is known as the Missile Man of India?
12. What is the currency of the USA?
13. Which river is the longest in India?
14. What is the national bird of India?
15. Who wrote the National Anthem of India?
16. Which is the largest ocean in the world?
17. Which country is famous for the Eiffel Tower?
18. What is the capital of Australia?
19. Which day is celebrated as World Environment Day?
20. What is the full form of ISRO?

Half Yearly Examination
(June + July + August + September)

Chapters:

Unit 4: Young Scientist

1. Mangalyaan
2. Atoms and Molecules
3. Indian Scientists

Unit 5: Explore India

4. Global Indians
5. Guests in India
6. National Parks and Wildlife Sanctuaries of India

Unit 6: Around the World

7. World Civilisations
8. International Organisations
9. The United Nations

Unit 7: Sports, Art and Culture

10. India at Asian Games
11. Legends of Sports
12. Painters
13. Dance Forms of the World
14. Indian Handicrafts

Unit 8: This and That

15. Fun with Numbers
16. Sudoku
17. Fun with Letters

Unit 9: Go Green

18. Environmentalists
19. Natural Calamities

Unit 10: Life Skills

20. Handling Emergencies
21. Social Etiquette

Unit 11: Values

22. Respecting Women
23. Doing Our Bit

Pre-Activity:

- Discussion on environment, literature, and global awareness.
- Awareness about natural disasters and safety measures.

Classroom Activity:

- Explanation with examples, charts, and quizzes.
- Interactive discussions and group learning.

Post-Activity:

- Worksheets and quiz competitions.
- Application-based and reasoning questions.

Project Work:

- Project on *Natural Calamities and Safety Measures*.
- Chart on *International Organisations*.

Current Affairs (1–20):

1. What is the capital of France?
2. Who is the current UN Secretary General?
3. Which country hosted the 2024 Olympics?
4. What is the national sport of India?
5. Who is the current Chief Minister of Uttar Pradesh?
6. What is the largest continent in the world?
7. What is the smallest continent?
8. Who invented the telephone?
9. What is the national flower of India?
10. Which Indian state is known as the Land of Five Rivers?
11. Which gas do plants use for photosynthesis?
12. Which is the fastest land animal?
13. Which is the largest desert in the world?
14. What is the capital of Canada?
15. Which country is famous for the Great Wall?
16. Which planet is known as the Morning Star?
17. Which is the highest mountain in the world?
18. Who discovered gravity?
19. Which festival is known as the Festival of Lights?
20. What is the national game of Bangladesh?

Note- Periodic Test– I will be included in Half Yearly Examination

Periodic Test–II **(October + November)**

Chapters:

Unit 1: The World Around Us

Special Trees

Ferns, Lichens and Fungi

Unique Birds

Quiz: Animals and Plants

Unit 2: Words and More

Homonyms and Homophones

French, Italian and Spanish Words

Grammar Power

Unit 3: The Magic of Books

Books from Prison

Unit 4: Young Scientist

Space Travel

Cyber Terms

Unit 5: Explore India

Tribes

The Indian Tricolour
Social Reformers

Pre-Activity:

- Discussion on biodiversity, culture, and communication skills.

Classroom Activity:

- Concept explanation with examples and interactive sessions.

Post-Activity:

- Worksheets, puzzles, and oral assessments.

Project Work:

- Project on *Indian Tribes*.
 - Chart on *Acid Rain and Environmental Issues*.
-

Current Affairs (1–20):

1. What is the capital of Russia?
2. Who is the founder of Microsoft?
3. Which country launched the first satellite?
4. What is the largest planet in our solar system?
5. Which Indian state has the largest population?
6. What is the national tree of India?
7. Who wrote *Wings of Fire*?
8. Which Indian city is called the Pink City?
9. Which river flows through Varanasi?
10. What is the capital of Germany?
11. Which country gifted the Statue of Liberty to the USA?
12. What is the smallest planet in the solar system?
13. Who invented the light bulb?
14. Which sport uses a shuttlecock?
15. Which Indian state is famous for tea gardens?
16. What is the largest mammal on Earth?
17. What is the capital of Nepal?
18. Which planet has rings around it?
19. Which is the national fruit of India?
20. Which day is celebrated as International Yoga Day?

Annual Examination
(December+January+February)

Chapters:

Unit 6: Around the World

World Cuisines

Museums

Religious Beliefs

World History Quiz

Unit 7: Sports, Art and Culture

Martial Arts
Traditional Sports
Board Games
Hollywood Films

Unit 8: This and That

Brain Teasers
Think!

Unit 9: Go Green

Acid Rain
Botanical Gardens

Unit 10: Life Skills

Speaking in Public
Know Your Personality

Unit 11: Values

Corruption – A Curse

Pre-Activity:

- Recap and discussion on global awareness and values.

Classroom Activity:

- Revision through quizzes and mixed-topic discussions.

Post-Activity:

- Practice worksheets and mock tests.

Project Work:

- Project on *Saving Environment / Botanical Gardens*.
- Chart on *Indian National Symbols*.

Current Affairs (1–20):

1. Who is known as the Father of the Nation in India?
2. Which Indian city is called the Silicon Valley of India?
3. Which is the tallest statue in the world?
4. What is the capital of Italy?
5. Who discovered penicillin?
6. Which is the longest river in the world?
7. What is the capital of China?
8. Which Indian state is famous for backwaters?
9. What is the currency of Japan?
10. Who was the first Prime Minister of India?
11. Which is the national aquatic animal of India?
12. Which Indian scientist won the Nobel Prize for Physics?
13. Which country is called the Land of the Rising Sun?
14. Which continent is the coldest?
15. What is the capital of Sri Lanka?
16. Who wrote *Harry Potter*?

17. Which Indian festival is known as the Festival of Colours?
18. Which is the largest democracy in the world?
19. What is the capital of South Korea?
20. Which planet is closest to the Sun?

Note:-Periodic Test– II will be included in Annual Examination

संस्कृत
Periodic Test – I
(अप्रैल मई)

1. जयतु संस्कृतम्

पूर्व:गतिविधि-

संस्कृत संवाद का अभ्यास कराया जाएगा। संधि की पहचान तथा विशेषणविशेष्य के - सरल उदाहरणों पर चर्चा की जाएगी।

अध्याय गतिविधि:

पाठ का वाचन, अर्थबोध-, प्रश्नोत्तर तथा मुख्य शब्दों का अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

संज्ञा एवं विभक्ति का अभ्यास कराया जाएगा। अकारांत पुंलिंग), नपुंसकलिंग, स्त्रीलिंग (शब्दों के रूपों का प्रयोग कराया जाएगा।

2. वृक्षारोपणस्य महत्त्वम्

पूर्व:गतिविधि-

'तद्' एवं 'एषः' शब्दरूप तथा लट् लकार के धातुरूपों का अभ्यास कराया जाएगा।

अध्याय गतिविधि:

पाठ के माध्यम से पर्यावरण संरक्षण का महत्व समझाया जाएगा तथा शब्दार्थ व वाक्य रचना कराई जाएगी।

पश्चात:गतिविधि-

कारक की पहचान तथा शब्दरचना का अभ्यास कराया जाएगा।

3. स्वास्थ्यरक्षा

पूर्व:गतिविधि-

उपसर्ग एवं प्रत्यय का परिचय एवं अभ्यास कराया जाएगा।

अध्याय गतिविधि:

स्वास्थ्य से संबंधित शब्दों एवं वाक्यों का अभ्यास तथा पाठ का अर्थबोध कराया - जाएगा।

पश्चात:गतिविधि-

शब्दप्रयोग एवं समास का अभ्यास कराया जाएगा।

4. सत्संगति:

पूर्व:गतिविधि-

अव्यय शब्दों के प्रयोग पर चर्चा एवं अभ्यास कराया जाएगा।

अध्याय गतिविधि:

पाठ के माध्यम से सद्गुणों का महत्व समझाया जाएगा एवं वाचन अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

संधि, समास एवं उपसर्गयुक्त शब्दों का अभ्यास कराया जाएगा।

Half Yearly Examination
(जून (सितंबर + अगस्त + जुलाई +

5. किं कर्तव्यम्, किं न कर्तव्यम्

पूर्व:गतिविधि-

सामाजिक मूल्यों एवं आचरण पर चर्चा कराई जाएगी।

अध्याय गतिविधि:

उचित अनुचित व्यवहार को उदाहरण सहित समझाया जाएगा।-

पश्चात:गतिविधि-

विभक्ति प्रयोग एवं उपपदसंधि का अभ्यास कराया जाएगा।-

6. जयतु भारतम्

पूर्व:गतिविधि-

ज्ञानविज्ञान एवं राष्ट्र के विकास पर चर्चा तथा लोट् लकार का अभ्यास कराया जाएगा।

अध्याय गतिविधि:

पाठ के माध्यम से देशभक्ति की भावना विकसित की जाएगी।

पश्चात:गतिविधि-

भावे प्रयोग तथा तृतीया एवं सप्तमी विभक्ति का अभ्यास कराया जाएगा।

7. संगणकम्

पूर्व:गतिविधि-

संगणक के महत्व पर चर्चा कराई जाएगी। (कंप्यूटर)

अध्याय गतिविधि:

आधुनिक तकनीक से जुड़े शब्दों का अभ्यास एवं पाठ वाचन कराया जाएगा।

पश्चात:गतिविधि-

धातु प्रयोग एवं विभक्ति अभ्यास कराया जाएगा।

8. प्रियं भारतम्

पूर्व:गतिविधि-

ग्रंथों एवं भारतीय संस्कृति के महत्व पर चर्चा की जाएगी।

अध्याय गतिविधि:

पाठ के माध्यम से भारत की विशेषताओं को समझाया जाएगा।

पश्चात:गतिविधि-

संधि एवं विभक्ति प्रयोग का अभ्यास कराया जाएगा।

9. संस्कृत गौरवम्

पूर्व:गतिविधि-

नीति कथाओं के माध्यम से संस्कृत के महत्व को समझाया जाएगा।

अध्याय गतिविधि:

पाठ का वाचन एवं अर्थ स्पष्ट कराया जाएगा।

पश्चात:गतिविधि-

उपपद एवं 'तत्' शब्दरूप का अभ्यास कराया जाएगा।

Note: Periodic Test-I Half Yearly Examination में सम्मिलित रहेगा।

Periodic Test – II

(अक्टूबर – नवंबर)

10. बुद्धिर्यस्य बलं तस्य

पूर्व:गतिविधि-

नीतिशिक्षा एवं अव्यय शब्दों का अभ्यास कराया जाएगा।-

अध्याय गतिविधि:

पाठ के माध्यम से बुद्धि के महत्व को समझाया जाएगा।

पश्चात:गतिविधि-

धातु प्रयोग एवं विभक्ति अभ्यास कराया जाएगा।

11. मित्रं प्रति पत्रम्

पूर्व:गतिविधि-

आत्मचिंतन एवं सरल संस्कृत वाक्यों का अभ्यास कराया जाएगा।

अध्याय गतिविधि:

पत्र लेखन की विधि एवं संरचना समझाई जाएगी।

पश्चात:गतिविधि-

सर्वनाम शब्दरूप एवं विभक्ति का अभ्यास कराया जाएगा।

12. अस्माकं उत्सवाः

पूर्व:गतिविधि-

भारत के प्रमुख उत्सवों पर चर्चा कराई जाएगी।

अध्याय गतिविधि:

विभिन्न त्योहारों का वर्णन एवं संस्कृत शब्दावली का अभ्यास कराया जाएगा।

पश्चात:गतिविधि-

लोट् लकार एवं शब्द प्रयोग का अभ्यास कराया जाएगा।

13. लोकोक्तयः

पूर्व:गतिविधि-

लोकाचार एवं कहावतों का परिचय कराया जाएगा।

अध्याय गतिविधि:

लोकोक्तियों के अर्थ एवं प्रयोग समझाए जाएंगे।

पश्चात:गतिविधि-

संधि बोध एवं विभक्ति प्रयोग कराया जाएगा।

Annual Examination
(दिसंबर (फरवरी + जनवरी +

14. राष्ट्रीय चिह्नानि

पूर्व:गतिविधि-

सामान्य ज्ञान से संबंधित चर्चा कराई जाएगी।

अध्याय गतिविधि:

राष्ट्रीय प्रतीकों का परिचय एवं महत्व समझाया जाएगा।

पश्चात:गतिविधि-

विशेषणविशेष्य समन्वय का अभ्यास कराया जाएगा।-

15. नीतिश्लोका:

पूर्व:गतिविधि-

सदाचार एवं नैतिक मूल्यों का बोध कराया जाएगा तथा आवृत्ति कराई जाएगी।

अध्याय गतिविधि:

श्लोकों का वाचन, अर्थ एवं भावार्थ समझाया जाएगा।

पश्चात:गतिविधि-

पदपरिचय एवं विभक्ति प्रयोग का अभ्यास कराया जाएगा।-

16. किं कर्तुं जानाति भवान्

पूर्व:गतिविधि-

संवाद अभ्यास एवं प्रत्यय प्रयोग कराया जाएगा।

अध्याय गतिविधि:

प्रश्नोत्तर एवं क्रियाओं का प्रयोग सिखाया जाएगा।

पश्चात:गतिविधि-

लोट् लकार का प्रयोग कराया जाएगा।

17. यक्षयुधिष्ठिर संवाद:-

पूर्व:गतिविधि-

महाभारत कथा का संक्षिप्त परिचय दिया जाएगा।

अध्याय गतिविधि:

संवाद शैली में पाठ का वाचन एवं भावार्थ कराया जाएगा।

पश्चात:गतिविधि-

शब्दरूप एवं धातुरूप का अभ्यास कराया जाएगा।

18. पितृभक्तो नचिकेता:

पूर्व:गतिविधि-

कठोपनिषद् की कथा का संक्षिप्त परिचय देते हुए नचिकेता के चरित्र एवं पितृभक्ति के विषय में विद्यार्थियों से चर्चा कराई जाएगी।

अध्याय गतिविधि:

संवाद शैली में पाठ का शुद्ध उच्चारण सहित वाचन कराया जाएगा तथा प्रसंगानुसार भावार्थ समझाया जाएगा।

पश्चात:गतिविधि-

पाठ से संबंधित शब्दार्थ, प्रश्नोत्तर, शब्दरूप एवं धातुरूप का लिखित एवं मौखिक अभ्यास कराया जाएगा।

Note: Periodic Test-II Annual Examination में सम्मिलित रहेगा।

MUSIC

Periodic Test – I
(April + May)

Theory

- Introduction to Raag Yaman and Raag Bhairav (Aroha–Avaroha and basic characteristics).

Practical

- Practice of Alankars in Thaata (single and double speed).

Shlok (any one):

- “Vakratunda Mahakaya”
- “Guru Brahma Guru Vishnu”

Welcome Song (any one):

- “Swagatam Shubh Swagatam”
- School Welcome Song

English Song (any one):

- “Morning Has Broken”
- “All Things Bright and Beautiful”

Patriotic Song (any one):

- “Vande Mataram”
- “Ae Watan Watan Mere Aabad Rahe Tu”

Motivational Song (any one):

- “Kar Har Maidan Fateh”
- “Lakshya Ko Har Haal Mein Paana Hai”

Half Yearly Examination
(June + July + August + September)

Theory

- Definitions: Sangeet, Naad, Swara, Aroha, Avarohan, Pakad, Thaata, Jati.

Practical

- Raag Bhairav – Chota Khayal with two simple Taans.

Shlok (any one):

- “Asato Ma Sadgamaya”
- “Saraswati Namastubhyam”

Bhajan (any one):

- “Raghupati Raghav Raja Ram”
- “Vaishnav Jan To Tene Kahiye”
- “Om Jai Jagdish Hare”

English Song (any one):

- “Lead Kindly Light”
- “Abide With Me”

Patriotic Song (any one):

- “Saare Jahan Se Achha”
- “Maa Tujhe Salaam”

Note: Periodic Test – I syllabus will be included in the Half Yearly Examination.

Periodic Test – II
(October + November)

Theory

- Basic knowledge of Dadra, Keharva, and Teentaal (Matras, Tali, Khali).

Practical

- Practice of Dadra, Keharva, and Teentaal with hand beats (single & double speed).
- Practice of School Kulgeet.

Shlok (any one):

- “Tvameva Mata Cha Pita Tvameva”
- “Sarve Bhavantu Sukhinah”

Welcome Song (any one):

- “SwagatamSwagatam”
- School Welcome Song

English Song (any one):

- “Bind Us Together Lord”
- “Make Me a Channel of Your Peace”

Motivational Song (any one):

- “Ziddi Dil”
 - “Hall of Fame”
-

Annual Examination
(December + January + February)

Theory

- Life and contribution of Tansen in Indian Classical Music.

Practical

- Raag Yaman – Chota Khayal with two simple Taans.

Shlok (any one):

- “Guru Brahma Guru Vishnu”
- “Asato Ma Sadgamaya”

Bhajan (any one):

- “Shri Ramchandra Kripalu Bhajman”
- “Achyutam Keshavam”
- “Govind Bolo Hari Gopal Bolo”

Regional Song (any one):

- “Kesariya Balam” (Rajasthani Folk)
- “Ekla Chalo Re”

English Song (any one):

- “We Are One in the Spirit”
- “Let There Be Peace on Earth”

Patriotic Song (any one):

- “Ae Mere Watan Ke Logon”
- “Hai Preet Jahan Ki Reet Sada”

Motivational Song (any one):

- “Chak De India”
- “Jeetega India”

Note: Periodic Test – II syllabus will be included in the Annual Examination.

Art Education (Drawing)

Periodic Test – I

(April + May)

Syllabus Coverage:

Fundamentals of Art & Advanced Drawing Skills

Topics:

- Elements of Art (Line, Shape, Form, Colour, Texture, Space)
- Principles of Design (Balance, Rhythm, Harmony)
- Drawing Materials and Techniques
- Object Drawing (Advanced Forms)
- Still Life Composition (Light & Shadow)

Learning Objectives:

- To understand advanced art elements and principles.
- To improve observation and drawing accuracy.
- To develop shading and composition skills.

Pre-Activity:

- Discussion on elements and principles of art
- Observation of objects with light and shadow

Classroom Activities:

- Practice of lines, forms, and shading techniques
- Drawing still-life compositions with proper proportion
- Use of light and shadow in drawing

Post-Activities:

- Worksheet on elements and principles of art
- Still-life drawing assignment with shading

Focus Areas:

- Observation and proportion
- Light and shading
- Composition skills

Half Yearly Examination

(June + July + August + September)

Syllabus Coverage:

Human Figure & Nature Drawing

Topics:

- Human Anatomy (Basic Structure)
- Human Face and Facial Expressions
- Figure Drawing (Memory Drawing)
- Trees, Plants, and Natural Forms
- Animals and Birds Drawing
- Light Effect on Face and Objects

Learning Objectives:

- To understand human body proportions
- To develop expression drawing skills
- To enhance observation of nature

Pre-Activity:

- Observation of human figures and facial features
- Study of natural objects

Classroom Activities:

- Step-by-step face and figure drawing
- Practice of expressions (happy, sad, angry, etc.)
- Drawing trees, animals, and birds

Post-Activities:

- Portrait drawing of a family member
- Expression chart preparation

Focus Areas:

- Proportion and anatomy
- Expression and detailing
- Nature study

Periodic Test – II
(October + November)

Syllabus Coverage:

Landscape & Colour Application

Topics:

- Landscape Drawing (Village, City, Nature)
- Perspective Drawing (Near & Far Objects)
- Colour Theory (Primary, Secondary, Warm & Cool Colours)
- Poster Colours and Water Colours
- Colour Blending and Shading Techniques

Learning Objectives:

- To understand perspective and depth
- To apply colours effectively
- To develop creativity in landscape drawing

Pre-Activity:

- Discussion on different types of landscapes
- Observation of pictures and scenery

Classroom Activities:

- Drawing landscapes with perspective
- Practice of colour blending
- Painting using different colour mediums

Post-Activities:

- Drawing a favourite scene
- Colour composition assignment

Focus Areas:

- Perspective and depth
- Colour application
- Creativity

Annual Examination
(December + January + February)

Syllabus Coverage:

Creative Art, Craft & Project Work

Topics:

- Indian Folk Art (Madhubani, Warli, etc.)
- Decorative Patterns and Design
- Paper Craft (Collage, Mask Making)
- Clay Modelling (3D Work)
- Calligraphy and Letter Design
- Poster Making
- Applied Art (Designing Cards, Covers, etc.)
- Shadow Art and Creative Shapes

Learning Objectives:

- To develop creativity and imagination
- To explore traditional and modern art forms
- To enhance craft and 3D skills
- To apply art in practical projects

Pre-Activity:

- Observation of traditional and modern artworks
- Discussion on design and creativity

Classroom Activities:

- Creating folk art designs
- Craft work (collage, clay modelling, mask making)
- Poster making and calligraphy practice

Post-Activities:

- Preparation of art file/project work
- Submission of creative assignments

Focus Areas:

- Creativity and innovation
- Craft and 3D skills
- Project-based learning

EXAMINATION PATTERN & ASSESSMENT CRITERIA

1. OVERALL ASSESSMENT STRUCTURE

Component	Marks	Assessment Method
Periodic Tests (Best 2 of 3)	10	Chapter based written test
Notebook Submission	5	Regular classwork, homework, neatness
Subject Enrichment Activity	5	Activity, project, practical work
Half Yearly / Annual Examination	80	Written examination
Total	100 Marks	

2. QUESTION PAPER PATTERN (80 MARKS)

(English, Hindi, Mathematics, Science, Social Science, Sanskrit):

Section	Question Type	Marks
Section A	MCQ (Multiple Choice Questions)	10
Section B	Very Short Answer Questions (1–2 lines)	10
Section C	Short Answer Questions (30–50 words)	20
Section D	Long Answer Questions (60–80 words)	20
Section E	Case Based / Picture Based / Map Based Questions	20
Total		80 Marks

3. SUBJECT WISE ASSESSMENT PATTERN

ENGLISH

Paper Pattern

Section	Content
Reading	Unseen Passage / Comprehension
Writing	Paragraph / Letter / Message
Grammar	Tenses, Nouns, Pronouns, Articles
Literature	Questions from textbook

Assessment Method

MCQ

Fill in the blanks

Short answer questions

Long answer questions

Passage based questions

HINDI

Paper Pattern

Section	Content
अपठित गद्यांश	comprehension
व्याकरण	संज्ञा, सर्वनाम, विशेषण आदि
लेखन	अनुच्छेद लेखन

साहित्य	गद्य एवं पद्य प्रश्न
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Assessment Method

बहुविकल्पीय प्रश्न

लघु उत्तरीय प्रश्न

दीर्घ उत्तरीय प्रश्न

गद्यांश आधारित प्रश्न

MATHEMATICS**Paper Pattern**

Section	Content
MCQ	Concept based questions
Short Answer	Basic calculations
Long Answer	Problem solving
Application Questions	Word problems

Assessment Method

Numerical problems

Logical reasoning

Application based questions

Step wise solution marking

SCIENCE**Paper Pattern**

Section	Content
MCQ	Concept based questions
Short Answer	Scientific terms & definitions
Long Answer	Explanation with examples
Diagram / Case Based	Diagram labeling & observation

Assessment Method

Concept understanding

Diagram based questions

Experiment related questions

SOCIAL SCIENCE**Paper Pattern**

Section	Content
MCQ	History, Civics, Geography
Short Answer	Important concepts
Long Answer	Explanation questions
Map Work / Case Based	Map identification

Assessment Method

Map work

Source based questions

Case based questions

SANSKRIT

Paper Pattern

शब्दार्थ

रिक्त स्थान

अनुवाद

सरल प्रश्न उत्तर

Assessment Method

Multiple choice questions

Short answer questions

Translation questions

4. CO-SCHOLASTIC SUBJECTS ASSESSMENT

Subject

Assessment Method

Computer

Practical + Written test

Drawing / Art

Creativity, colouring, presentation

General Knowledge Quiz / written test

इन विषयों का मूल्यांकन Grade System (A–E)के अनुसार किया जाएगा।

5. INTERNAL ASSESSMENT CRITERIA

Area	Assessment
Class Participation	Activity participation
Project Work	Creativity and understanding
Discipline	Behaviour and regularity
Presentation	Neatness and clarity

ART EDUCATION (DRAWING)

Assessment Pattern

Component	Marks	Assessment Method
Class Work / Practical Work	20	Drawing practice, colouring work
Project / Activity	10	Poster making, craft work
Creativity & Presentation	10	Colour combination, neatness
Practical Examination	60	Drawing or poster during exam
Total	100 Marks	

Drawing Examination Paper Pattern (60 Marks)

Question Type	Marks
Object Drawing	20
Nature Drawing / Scenery	20
Poster / Creative Drawing	20
Total	60 Marks

Assessment Based On

Creativity

Colouring technique

Neatness and presentation

Proper use of drawing materials

2. MUSIC

Assessment Pattern

Component	Marks	Assessment Method
Class Participation	20	Singing practice
Notebook Work	10	Song lyrics and notes
Practical Performance	40	Singing or rhythm practice
Theory Test	30	Basic music knowledge
Total	100 Marks	

Music Examination Pattern

Practical (40 Marks)

Singing of school prayer / song

Rhythm practice

Voice clarity and expression

Theory (30 Marks)

Question Type	Marks
MCQ	10
Short Answer	10
Identification of instruments	10

3. GENERAL KNOWLEDGE (G.K.)

Assessment Pattern

Component	Marks	Assessment Method
Periodic Test	20	Chapter based quiz
Notebook / Activity Work	10	Worksheet completion
Quiz / Participation	20	Classroom quiz
Final Written Test	50	General awareness test
Total	100 Marks	

G.K. Question Paper Pattern (50 Marks)

Section	Question Type	Marks
Section A	MCQ	20
Section B	Fill in the Blanks	10
Section C	Match the Following	10
Section D	Picture Identification	10
Total		50 Marks

G.K. Assessment Based On

General awareness

Current affairs knowledge

Observation skills

Logical thinking

In-House Activities throughout the Session (2026–27)

Month	Date	Event / Occasion	Activities
April	13th	Jallianwala Bagh Martyrs' Day	Student's and teacher's Speech in the Assembly
April	22	Earth Day	Pg-5: Plantation activity Classes 6-8: Poster making on save earth Classes 9-12: Essay writing competition
April	23	English Language Day	Pg-UKG: Poem presentation Classes 1-5: Reading competition Classes 6-8: Extempore / poem presentation from course book Classes IX-XI: English drama enacting "Julius Caesar"/ "The Merchant of Venice"
April	25	English Olympiad	Done in the Class
May	11	UT 1st Starts
May	14-05-2026 to 19-05-2026	Summer Bonanza	Activities Decided by the Teachers
May	20	PTM	Parent Teachers Interaction
June	21	World Yoga Day	Yoga in School
July	01-07-2026	Doctor's Day	Speech in the Assembly by the teachers and students Roll play activity in KG to Class - 3
July	11-07-2026	Creative Writing / Debate	Classes 3 to 8 Classes 9 to 12

July	25-07-2026	Mathematics Olympiad	Classes 1 to 12 Done in the Class
August	01-08-2026	Science Olympiad	Classes 1 to 12 Done in the Class
August	12-08-2026 to 14-08-2026	Quiz about India	In assembly
August	14-08-2026	Pre Independence Day Celebration	Classes KG to 5
August	15-08-2026	Independence Day Celebration	Classes 6 to 8: Dance, song, musical drama Classes 9 to 12: Musical drama, Nukkad Natak Pyramid Show by Physical Education Teachers Parade House wise, PT
August	22-08-2026	Rakhi Making Competition	Classes 1 to 8
August	27-08-2026	Sawan Celebration	Classes PG to 3
September	01-09-2026	Janmastami Celebration	PG to Class 3, Fancy Dress and Dance
September	05-09-2026	Teacher's Day	PG to UKG: Teachers Role Modelling Class 11th Mock Classes by the student Teachers
September	12-09-2026	Hindi Olympiad	Classes 1 to 12 Done in the Class
September	14-09-2026	हिंदी दिवस	कक्षा पी से .जी.2 – शिक्षिकाओं द्वारा चयनित गतिविधियाँ कक्षा 3 – 5 – कविता पाठ, एकांकी मंचन कक्षा 6 – 8 – एकांकी मंचन, प्रेमचंद की कहानियों पर आधारित

			कक्षा 9 – 12 – कवि दरबार
September	17-09-2026	PTM	Parent Teachers Interaction
September	21-09-2026	Half Yearly Starts
October	02-10-2026	Gandhi / Lalbahadur Shastri Jayanti	Commemoration
October	10-10-2026	Report Card Declaration
October	17-10-2026	Dassehra Celebration	Dandia
October	31-10-2026	SST Olympiad / PPT Presentation	Classes 1 to 12 Done in the Class PPT Presentation in the Digital Class Room
November	06-11-2026	Diwali Celebration	Fancy Dress on Ramayan Theme for Classes PG to UKG Candle Decoration Classes 1 & 2 Diya Decoration Classes 3 to 8 Rangoli Making Classes 6 to 12 House wise Toran Making Classes 6 to 8
November	14-11-2026	Children's Day Celebration	Teachers Activity for the Students (SKIT AND DANCE)
November	21-11-2026 to 23-11-2026	Annual Sports Day	Creative Races, PT Drill in Junior Section All Main Stream Sports Activities for Senior Section
November	26-11-2026	Constitution Day	Quiz on the constitution in each class and speech in Assembly
December	01-12-2026	UT - 2 Starts
December	23-12-2026	National Farmer's Day	Thank you Notes for the farmers

December	24-12-2026	Christmas Day Celebration	Activities Decided by the teachers in KG wing Only
January	12-01-2027	Swami Vivekanand Jayanti	Speech on Vivekanand in assembly
January	13-01-2027	Lohri Celebration	Classes PG to 3: Lohri Celebration on the Ground Classes 4 & 5: Kite Making
January	23-01-2027	Subaschandra Bose Jayanti	Slogan handout & recalling famous slogans in assembly
January	26-01-2027	Republic Day Celebration	PG to UKG: Fancy Dress on Regional Diversity Classes 1 & 2: Fashion show (waste material) Classes 3 to 8: PT Drill, Dance, Music, Pyramid Classes 9 & 11: Parade and Pyramid
February	01-02-2027	Extempore English	Classes 1 to 11
February	06-02-2027	Debate	Classes 6 to 12
February	11-02-2027	Basant Panchami	Saraswati Puja (For Teachers)
March	26-03-2027	Graduation Day Maheshpur	Felicitation of meritorious Students
March	27-03-2027	Graduation Day Sewapuri	Felicitation of meritorious Students
March	29-03-2027	New Academic Session Starts	