

NORTHERN INTERNATIONAL SCHOOL

CLASS-WISE CURRICULUM 2026-27

CLASS-I

English

Learning Objectives

- Develop listening and speaking skills.
- Recognize letters and sounds.
- Read simple words and sentences.
- Write letters, words, and short sentences.
- Build vocabulary and confidence in communication.

Topic	Learning Outcomes	Suggested Activities
Alphabet Recognition	Identify A–Z	Flash cards, alphabet songs
Phonics	Recognize letter sounds	Sound games
Vowels & Consonants	Identify vowels	Picture sorting
Two-letter Words	Read simple words	Matching activities
Three-letter Words	Blend sounds	Word-building games
Sight Words	Read common words	Word wall
Naming Words	Identify people, places, things	Picture cards
Action Words	Use verbs	Role play
Opposites	Match opposite words	Pair games
Singular & Plural	Use singular/plural nouns	Sorting activity
Sentences	Read and write simple sentences	Sentence strips
Creative Writing	Complete simple sentences	Picture composition
Reading Comprehension	Answer simple questions	Story reading
Recitation	Speak confidently	Poem recitation

Hindi

Learning Objectives

- हिंदी वर्णमाला की पहचान।
- सरल शब्द एवं वाक्य पढ़ना।
- सही उच्चारण एवं लेखन विकसित करना।

विषय	अधिगम परिणाम	गतिविधियाँ
स्वर	स्वर पहचानना	प्लैश कार्ड
व्यंजन	व्यंजन पहचानना	चित्र मिलान
मात्राएँ	शब्द बनाना	शब्द खेल

विषय	अधिगम परिणाम	गतिविधियाँ
दो-अक्षरी शब्द	पढ़ना एवं लिखना	अभ्यास
तीन-अक्षरी शब्द	शब्द निर्माण	गतिविधि
संज्ञा	वस्तुओं की पहचान	चित्र चर्चा
वाक्य	सरल वाक्य पढ़ना	कहानी सुनाना
कविता	कविता याद करना	समूह प्रस्तुति

Mathematics

Learning Objectives

- Understand numbers and basic operations.
- Develop logical thinking.
- Identify shapes and patterns.

Topic	Learning Outcomes	Activities
Numbers 1–100	Read and write numbers	Number chart
Number Names	Write number names	Flash cards
Counting	Count objects	Classroom objects
Before, After, Between	Sequence numbers	Worksheets
Ascending & Descending Order	Arrange numbers	Number games
Comparison	Greater than, Less than	Number cards
Addition	Add single-digit numbers	Counters
Subtraction	Subtract objects	Beads
Shapes	Identify 2D shapes	Shape hunt
Patterns	Complete patterns	Block activities
Measurement	Compare length and weight	Classroom objects
Time	Read the hour	Paper clocks
Money	Identify coins and notes	Mock shop
Data Handling	Interpret picture graphs	Class survey

Environmental Studies (EVS)

Learning Objectives

- Develop awareness of self and surroundings.
- Observe nature and the environment.
- Practice healthy habits.

Topic	Learning Outcomes	Activities
Myself	Introduce self	My profile
My Family	Understand family members	Family tree
My School	Identify school facilities	School tour
My Home	Know rooms and uses	Drawing
Food	Healthy eating habits	Food collage
Clothes	Seasonal clothing	Dress-up activity
Plants	Identify common plants	Gardening
Animals	Domestic & wild animals	Picture sorting
Birds	Identify birds	Bird watching
Water	Importance of water	Water-saving pledge
Air	Importance of clean air	Outdoor observation
Seasons	Recognize seasons	Weather chart
Transport	Means of transport	Toy vehicles
Safety	Road safety rules	Role play
Community Helpers	Know different professions	Guest interaction

Computer Education

Topic	Learning Outcomes	Activities
Computer Parts	Identify monitor, keyboard, mouse	Computer lab visit
Uses of Computer	Know everyday uses	Picture discussion
Mouse Skills	Click and drag	Educational games
Keyboard	Identify letters and numbers	Typing practice
Paint	Draw simple pictures	MS Paint
Computer Etiquette	Use computers safely	Classroom discussion

General Knowledge

- | | |
|---|--|
| <ul style="list-style-type: none"> • National Symbols • Festivals of India • Fruits and Vegetables • Animals and Birds • Colours | <ul style="list-style-type: none"> • Good Manners • Famous Personalities • Means of Transport • Our Helpers • Current Awareness (age appropriate) |
|---|--|

Art Education

- | | |
|--|--|
| <ul style="list-style-type: none"> • Colouring • Drawing • Paper Folding • Paper Tearing & Pasting | <ul style="list-style-type: none"> • Clay Modelling • Finger Painting • Greeting Card Making • Festival Crafts |
|--|--|

Physical Education

- Warm-up Exercises
- Free-hand Exercises
- Yoga (Simple Asanas)
- Running
- Jumping
- Balancing
- Ball Games
- Fun Races
- Rhythm and Movement

Value Education & Life Skills

- Good Manners
- Respect for Elders
- Sharing and Caring
- Cleanliness
- Honesty
- Responsibility
- Teamwork
- Kindness
- Gratitude
- Environmental Awareness

Assessment Pattern

- Classroom Observation
- Oral Assessment
- Worksheets
- Portfolio
- Activity-Based Assessment
- Projects
- Periodic Assessments
- End-Term Assessment



CLASS-II

English

Learning Objectives

- Develop fluency in reading and writing.
- Enhance vocabulary and grammar skills.
- Express ideas confidently through speaking and writing.
- Develop listening comprehension and communication skills.

Topic	Learning Outcomes	Suggested Activities
Reading Readiness	Read short stories and passages fluently	Guided reading, shared reading
Vocabulary Building	Learn new words and meanings	Word wall, picture dictionary
Phonics	Blend sounds and decode words	Phonics games
Nouns	Identify naming words	Picture sorting
Pronouns	Use pronouns correctly	Sentence completion
Verbs	Identify action words	Role play
Adjectives	Describe people, places, and things	Describe an object
Articles (A, An, The)	Use articles correctly	Fill-in-the-blanks
Prepositions	Use in, on, under, behind, etc.	Classroom object activity
Tenses (Simple Present)	Use simple present tense	Daily routine writing
Punctuation	Use capital letters and punctuation marks	Editing exercises
Sentence Formation	Construct meaningful sentences	Sentence cards
Paragraph Writing	Write short paragraphs	Guided writing
Letter Writing	Write informal letters	Letter template
Reading Comprehension	Answer questions from passages	Story-based worksheets
Poetry	Recite poems with expression	Group recitation
Speaking & Listening	Participate in conversations	Show and Tell

Hindi

अधिगम उद्देश्य

- सरल गद्य एवं पद्य का पठन।
- शुद्ध लेखन एवं उच्चारण का विकास।
- शब्द भंडार एवं भाषा कौशल का विकास।

विषय

स्वर एवं व्यंजन पुनरावृत्ति
मात्राएँ
संयुक्त अक्षर

अधिगम परिणाम

सही पहचान एवं लेखन
विभिन्न मात्राओं वाले शब्द
संयुक्त शब्द पढ़ना

गतिविधियाँ

प्लैश कार्ड
शब्द निर्माण
अभ्यास

विषय	अधिगम परिणाम	गतिविधियाँ
संज्ञा	नाम वाले शब्द पहचानना	चित्र गतिविधि
सर्वनाम	सर्वनाम का प्रयोग	वाक्य अभ्यास
क्रिया	क्रिया शब्द पहचानना	अभिनय
विशेषण	वस्तुओं का वर्णन	चित्र वर्णन
विलोम शब्द	विपरीत शब्द पहचानना	मिलान गतिविधि
पर्यायवाची (सरल)	समानार्थी शब्द	शब्द खेल
वाक्य निर्माण	सही वाक्य बनाना	कार्ड गतिविधि
अनुच्छेद लेखन	छोटा अनुच्छेद लिखना	चित्र आधारित लेखन
पत्र लेखन	सरल व्यक्तिगत पत्र	प्रारूप अभ्यास
कविता	भावपूर्ण वाचन	समूह प्रस्तुति
अपठित गद्यांश	प्रश्नों के उत्तर देना	कार्यपत्रिका

Mathematics

Learning Objectives

- Strengthen number sense.
- Perform basic arithmetic operations.
- Develop logical and problem-solving skills.

Topic	Learning Outcomes	Suggested Activities
Numbers up to 1000	Read, write, compare and order numbers	Number chart
Place Value	Understand ones, tens, hundreds	Place value blocks
Number Names	Write number names	Flash cards
Addition	Add 2-digit and 3-digit numbers	Counters
Subtraction	Solve subtraction problems	Number line
Multiplication	Understand repeated addition	Arrays using objects
Division	Understand equal sharing	Sharing activities
Fractions	Identify halves and quarters	Paper folding
Measurement	Length, weight and capacity	Measuring classroom objects
Time	Read clock, days, months	Clock model
Money	Identify notes and coins, simple transactions	Mock shopping
Shapes	Identify 2D and basic 3D shapes	Shape hunt
Patterns	Continue and create patterns	Block patterns
Data Handling	Read pictographs	Class survey

Environmental Studies (EVS)

Learning Objectives

- Understand the surroundings.
- Develop healthy habits.
- Appreciate nature and community.

Topic	Learning Outcomes	Suggested Activities
Myself	Know personal identity	My profile
My Family	Understand family roles	Family tree
My School	Recognize school facilities	School walk
Neighbourhood	Identify important places	Community map
Food	Healthy food habits	Food chart
Water	Uses and conservation	Water-saving activity
Air	Importance of clean air	Observation
Plants	Parts and uses of plants	Gardening
Animals	Domestic, wild and pet animals	Picture sorting
Birds & Insects	Identify common species	Nature walk
Transport	Different means of transport	Toy models
Communication	Modes of communication	Picture cards
Seasons	Weather changes	Weather calendar
Festivals	National and cultural festivals	Celebration activities
Community Helpers	Identify professions	Guest interaction
Safety Rules	Road, home and school safety	Role play

Computer Science

Topic	Learning Outcomes	Suggested Activities
Computer System	Identify basic parts	Computer lab visit
Input & Output Devices	Differentiate devices	Picture matching
Keyboard Skills	Type letters and words	Typing games
Mouse Skills	Click, drag and drop	Interactive games
MS Paint	Create simple drawings	Drawing activity
File Handling	Save and open files	Guided practice
Computer Etiquette	Safe and responsible use	Classroom discussion

General Knowledge

- National Symbols
- States and Capitals (basic)
- Famous Monuments
- Festivals of India
- Healthy Habits
- Animals and Birds
- Fruits and Vegetables
- Means of Transport
- Community Helpers
- Space and Planets (basic)
- Current Awareness (age appropriate)

Art Education

- Drawing and Colouring
- Nature Drawing
- Paper Folding (Origami)
- Paper Craft
- Clay Modelling
- Collage Making
- Greeting Card Making
- Festival Decoration
- Simple Music and Dance Activities

Physical Education

- Warm-up Exercises
- Free-hand Exercises
- Yoga (Basic Asanas)
- Running and Jumping
- Ball Games
- Relay Races
- Balance Activities
- Rhythm and Movement
- Fun Fitness Games

Value Education & Life Skills

- Good Manners
- Respect for Elders
- Sharing and Caring
- Honesty
- Responsibility
- Teamwork
- Empathy
- Personal Hygiene
- Cleanliness
- Environmental Responsibility
- Gratitude
- Self-Discipline

Assessment Pattern

- Classroom Observation
- Oral Assessment
- Worksheets
- Portfolio
- Activity-Based Assessment
- Subject Enrichment Activities
- Projects
- Periodic Assessments
- Half-Yearly Examination
- Annual Examination

CLASS-III

English

Learning Objectives

- Develop reading fluency and comprehension.
- Enhance vocabulary and grammar skills.
- Express ideas confidently through speaking and writing.
- Develop creative and critical thinking through language.

Topic	Learning Outcomes	Suggested Activities
Reading Comprehension	Read and understand stories and passages	Guided reading, story mapping
Vocabulary Building	Learn new words and meanings	Word wall, vocabulary games
Grammar – Nouns	Identify common, proper and collective nouns	Picture sorting
Pronouns	Replace nouns with suitable pronouns	Sentence completion
Verbs	Use action and helping verbs correctly	Role play
Adjectives	Describe people, places and things	Describe a picture
Articles	Use a, an and the correctly	Fill-in-the-blanks
Prepositions	Use location and direction words	Treasure hunt activity
Conjunctions	Join sentences using conjunctions	Sentence-building games
Tenses (Simple Present & Past)	Use verbs correctly in sentences	Daily diary writing
Punctuation	Apply punctuation marks correctly	Editing exercises
Sentence Formation	Write meaningful sentences	Sentence strips
Paragraph Writing	Write short paragraphs	Guided writing
Letter Writing	Write informal letters	Letter writing practice
Creative Writing	Write stories and descriptions	Picture composition
Poetry	Recite and appreciate poems	Group recitation
Listening & Speaking	Participate confidently in discussions	Storytelling, Show & Tell

Hindi

अधिगम उद्देश्य

- भाषा के चारों कौशलों (सुनना, बोलना, पढ़ना, लिखना) का विकास।
- शुद्ध उच्चारण एवं लेखन कौशल का विकास।
- रचनात्मक अभिव्यक्ति को प्रोत्साहन।

विषय	अधिगम परिणाम	गतिविधियाँ
गद्य पठन	पाठ का अर्थ समझना	वाचन अभ्यास
पद्य पठन	कविता का भाव समझना	कविता वाचन
संज्ञा	संज्ञा शब्द पहचानना	चित्र गतिविधि
सर्वनाम	सर्वनाम का सही प्रयोग	वाक्य निर्माण

विषय	अधिगम परिणाम	गतिविधियाँ
विशेषण	विशेषण का प्रयोग	चित्र वर्णन
क्रिया	क्रिया शब्द पहचानना	अभिनय
विलोम शब्द	विपरीत शब्द सीखना	मिलान गतिविधि
पर्यायवाची शब्द	समानार्थी शब्द सीखना	शब्द खेल
मुहावरे (सरल)	सरल मुहावरों का प्रयोग	संवाद
अनुच्छेद लेखन	छोटे अनुच्छेद लिखना	चित्र आधारित लेखन
पत्र लेखन	व्यक्तिगत पत्र लिखना	प्रारूप अभ्यास
अपठित गद्यांश	प्रश्नों के उत्तर देना	कार्यपत्रिका

Mathematics

Learning Objectives

- Strengthen mathematical concepts through practical learning.
- Develop reasoning and problem-solving skills.
- Apply mathematics in daily life.

Topic	Learning Outcomes	Suggested Activities
Numbers up to 10,000	Read, write and compare numbers	Number chart
Place Value	Understand place value and expanded form	Place value blocks
Addition	Add large numbers accurately	Worksheets
Subtraction	Solve subtraction problems	Number games
Multiplication	Multiply 2-digit and 3-digit numbers	Arrays and grouping
Division	Divide using equal sharing	Practical activities
Fractions	Identify and compare fractions	Paper folding
Measurement	Measure length, weight and capacity	Measuring objects
Time	Read clocks and calendars	Clock model
Money	Solve simple money problems	Mock shopping
Geometry	Identify lines, angles and shapes	Shape hunt
Perimeter	Find perimeter of simple figures	Measuring classroom objects
Patterns	Extend and create patterns	Pattern blocks
Data Handling	Read pictographs and bar graphs	Class survey

Environmental Studies (EVS)

Learning Objectives

- Understand the relationship between humans and the environment.
- Develop scientific observation skills.
- Promote healthy and responsible living.

Topic	Learning Outcomes	Suggested Activities
My Family	Understand family relationships	Family tree
Caring for Others	Develop empathy	Role play
Food We Eat	Identify healthy food habits	Food chart
Water	Understand conservation	Water-saving pledge
Air Around Us	Appreciate clean air	Observation walk
Plants	Identify plant parts and uses	Gardening
Animals	Differentiate domestic and wild animals	Picture sorting
Birds & Insects	Observe and classify	Nature walk
Shelter	Understand different types of houses	Model making
Transport	Compare modes of transport	Toy model activity
Communication	Learn communication methods	Picture discussion
Weather & Seasons	Observe weather changes	Weather chart
Safety Rules	Follow home, school and road safety	Safety role play
Festivals	Appreciate cultural diversity	Festival collage
Community Helpers	Recognize community roles	Guest interaction

Computer Education

Topic	Learning Outcomes	Suggested Activities
Computer Basics	Identify hardware and software	Lab visit
Input & Output Devices	Differentiate devices	Picture matching
Operating System	Open and close programs	Guided practice
Keyboard Skills	Type words and sentences	Typing games
MS Word	Create and format simple documents	Document creation
MS Paint	Draw and colour pictures	Drawing activity
Internet Safety	Understand safe internet use	Classroom discussion

General Knowledge

- | | |
|---|--|
| <ul style="list-style-type: none"> • National Symbols • States and Capitals (selected) • Famous Personalities • Indian Festivals • Continents and Oceans | <ul style="list-style-type: none"> • Plants and Animals • Healthy Habits • Space and Solar System (basic) • Environmental Awareness • Current Affairs (age appropriate) |
|---|--|

Art Education

- Drawing and Colouring
- Nature Drawing
- Craft Work
- Paper Folding (Origami)
- Collage Making

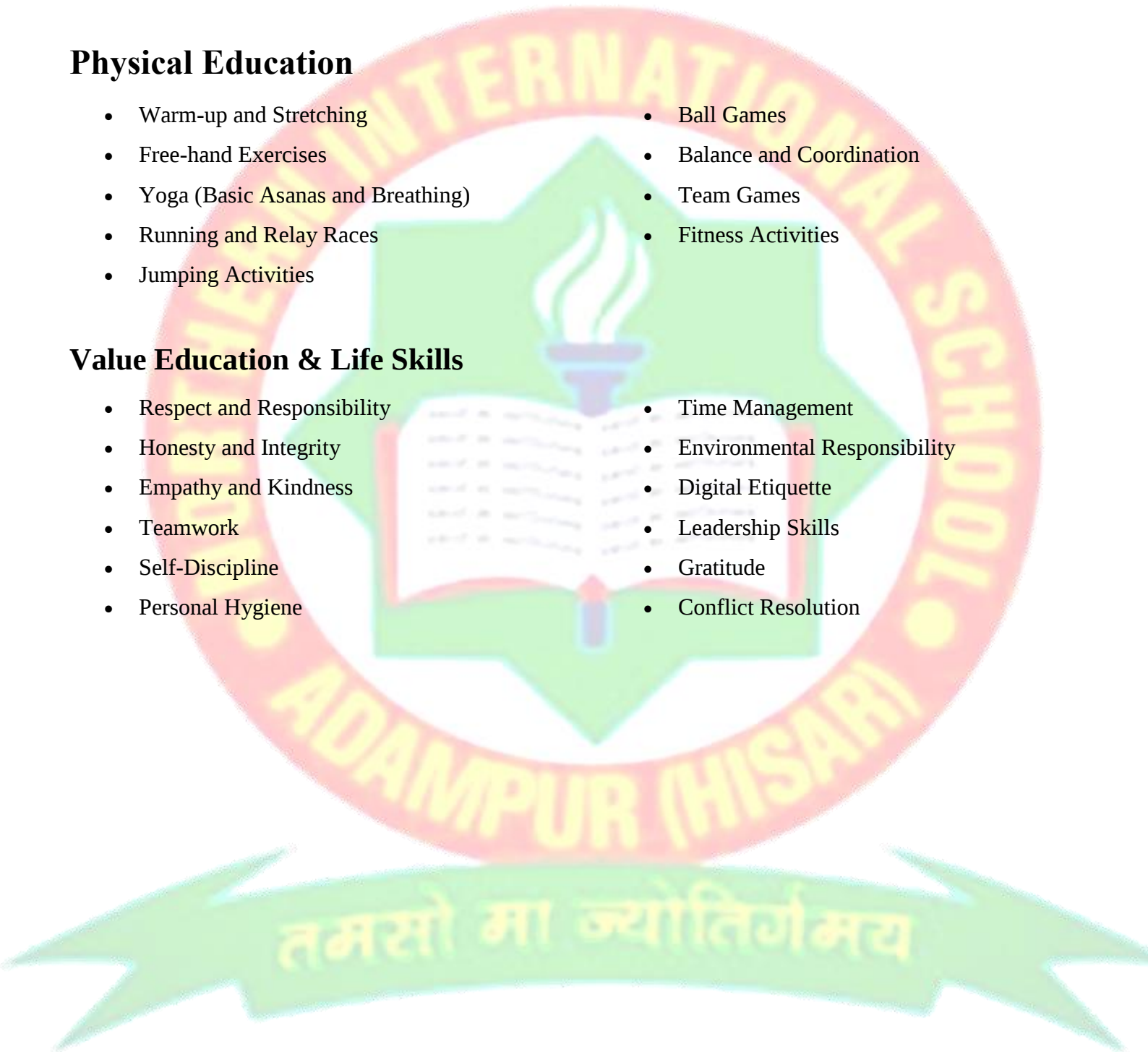
- Clay Modelling
- Festival Crafts
- Folk Art (Introduction)
- Music and Dance Activities

Physical Education

- Warm-up and Stretching
- Free-hand Exercises
- Yoga (Basic Asanas and Breathing)
- Running and Relay Races
- Jumping Activities
- Ball Games
- Balance and Coordination
- Team Games
- Fitness Activities

Value Education & Life Skills

- Respect and Responsibility
- Honesty and Integrity
- Empathy and Kindness
- Teamwork
- Self-Discipline
- Personal Hygiene
- Time Management
- Environmental Responsibility
- Digital Etiquette
- Leadership Skills
- Gratitude
- Conflict Resolution



CLASS-IV

English

Learning Objectives

- Develop fluency in reading, writing, listening, and speaking.
- Strengthen grammar and vocabulary.
- Enhance creative and critical thinking through language.
- Build confidence in communication.

Topic	Learning Outcomes	Suggested Activities
Reading Comprehension	Read and understand stories, poems, and passages	Guided reading, story mapping
Vocabulary Building	Learn new words and use them correctly	Word wall, vocabulary games
Nouns	Identify common, proper, collective, and abstract nouns	Picture sorting
Pronouns	Use pronouns correctly in sentences	Sentence completion
Verbs	Identify and use action, helping, and main verbs	Role play
Adjectives	Describe nouns using suitable adjectives	Picture description
Adverbs	Use adverbs to describe actions	Sentence-building games
Articles	Use a, an, and the correctly	Worksheets
Prepositions	Use prepositions of place, direction, and time	Treasure hunt activity
Conjunctions	Join words and sentences	Pair activities
Tenses	Use simple present, past, and future tenses	Diary writing
Punctuation	Apply punctuation correctly	Editing exercises
Sentence Formation	Construct meaningful and grammatically correct sentences	Sentence strips
Paragraph Writing	Write descriptive and narrative paragraphs	Guided writing
Letter Writing	Write informal letters	Letter writing practice
Story Writing	Create simple stories using picture prompts	Story sequencing
Poetry	Read, recite, and appreciate poems	Group recitation
Listening & Speaking	Participate in discussions and presentations	Show and Tell

Hindi

अधिगम उद्देश्य

- भाषा के चारों कौशलों का विकास।
- व्याकरण का सही प्रयोग।
- रचनात्मक लेखन एवं मौखिक अभिव्यक्ति का विकास।

विषय	अधिगम परिणाम	गतिविधियाँ
गद्य पठन	पाठ का अर्थ समझना	वाचन अभ्यास
पद्य पठन	कविता का भाव समझना	कविता वाचन
संज्ञा	संज्ञा के प्रकार पहचानना	चित्र गतिविधि
सर्वनाम	सर्वनाम का सही प्रयोग	वाक्य निर्माण

विषय

विशेषण

क्रिया

काल

विलोम एवं पर्यायवाची

मुहावरे एवं लोकोक्तियाँ (सरल)

अनुच्छेद लेखन

पत्र लेखन

अपठित गद्यांश

अधिगम परिणाम

विशेषणों का प्रयोग

क्रिया शब्दों का प्रयोग

वर्तमान, भूत और भविष्य काल

शब्द भंडार विकसित करना

भाषा को प्रभावी बनाना

विषय आधारित लेखन

व्यक्तिगत पत्र लिखना

प्रश्नों के उत्तर देना

गतिविधियाँ

चित्र वर्णन

अभिनय

वाक्य अभ्यास

शब्द खेल

संवाद

चित्र आधारित लेखन

प्रारूप अभ्यास

कार्यपत्रिका

Mathematics

Learning Objectives

- Develop conceptual understanding of mathematical operations.
- Apply mathematics in real-life situations.
- Strengthen reasoning and analytical skills.

Topic

Numbers up to 1,00,000

Place Value

Addition & Subtraction

Multiplication

Division

Factors & Multiples

Fractions

Decimals (Introduction)

Measurement

Time

Money

Geometry

Symmetry

Patterns

Data Handling

Learning Outcomes

Read, write, compare, and order numbers

Expanded form and place value

Solve multi-digit problems

Multiply 3-digit and 4-digit numbers

Divide with and without remainders

Identify factors and multiples

Compare and perform simple operations

Understand tenths

Length, weight, capacity, perimeter

Read clocks and solve time problems

Perform transactions and solve word problems

Identify angles, lines, circles, polygons

Recognize lines of symmetry

Extend and create number and shape patterns

Read pictographs, bar graphs, and tables

Suggested Activities

Number chart

Place value blocks

Worksheets

Arrays and grouping

Practical activities

Number games

Paper folding

Decimal grid

Measuring activities

Clock model

Mock shopping

Shape hunt

Paper folding

Pattern blocks

Class survey

Environmental Studies (EVS)

Learning Objectives

- Explore the environment through observation and inquiry.
- Develop awareness of health, safety, and sustainability.
- Appreciate cultural and natural diversity.

Topic

Family and Relationships

Food and Nutrition

Water

Learning Outcomes

Understand family roles and values

Identify balanced diet and healthy habits

Understand sources, conservation, and purification

Suggested Activities

Family tree

Healthy meal chart

Water-saving project

Topic	Learning Outcomes	Suggested Activities
Air	Recognize the importance of clean air	Observation walk
Plants	Identify plant parts and life cycle	Gardening
Animals	Classify animals by habitat and food habits	Nature walk
Shelter	Compare different types of houses	Model making
Transport	Understand different transport systems	Transport collage
Communication	Explore communication methods	Poster making
Weather and Seasons	Observe seasonal changes	Weather diary
Natural Resources	Recognize the importance of conservation	Eco-project
Safety	Follow safety rules at home, school, and on roads	Role play
Festivals	Appreciate cultural diversity	Festival presentation
Community Helpers	Understand community services	Guest interaction

Computer Education

Learning Objectives

- Develop digital literacy and responsible technology use.
- Use productivity tools for learning.
- Understand basic internet safety.

Topic	Learning Outcomes	Suggested Activities
Computer System	Identify hardware and software	Lab visit
Storage Devices	Recognize different storage media	Demonstration
Operating System	Manage files and folders	Guided practice
MS Word	Create and format documents	Typing exercise
MS PowerPoint	Create simple presentations	Class presentation
Paint	Design creative drawings	Art integration
Internet	Search information safely	Supervised browsing
Cyber Safety	Practice safe online behaviour	Discussion

General Knowledge

- | | |
|---|-------------------------------------|
| • National Symbols and Heritage | • Space and Solar System |
| • States, Capitals, and Union Territories | • Wildlife and Conservation |
| • Indian Freedom Fighters | • Environmental Awareness |
| • Famous Scientists and Inventors | • Important Days and Events |
| • Continents and Oceans | • Current Affairs (age appropriate) |

Art Education

- | | |
|----------------------|------------------|
| • Nature Drawing | • Origami |
| • Landscape Painting | • Paper Craft |
| • Poster Making | • Clay Modelling |

- Collage Making
- Folk Art (Introduction)

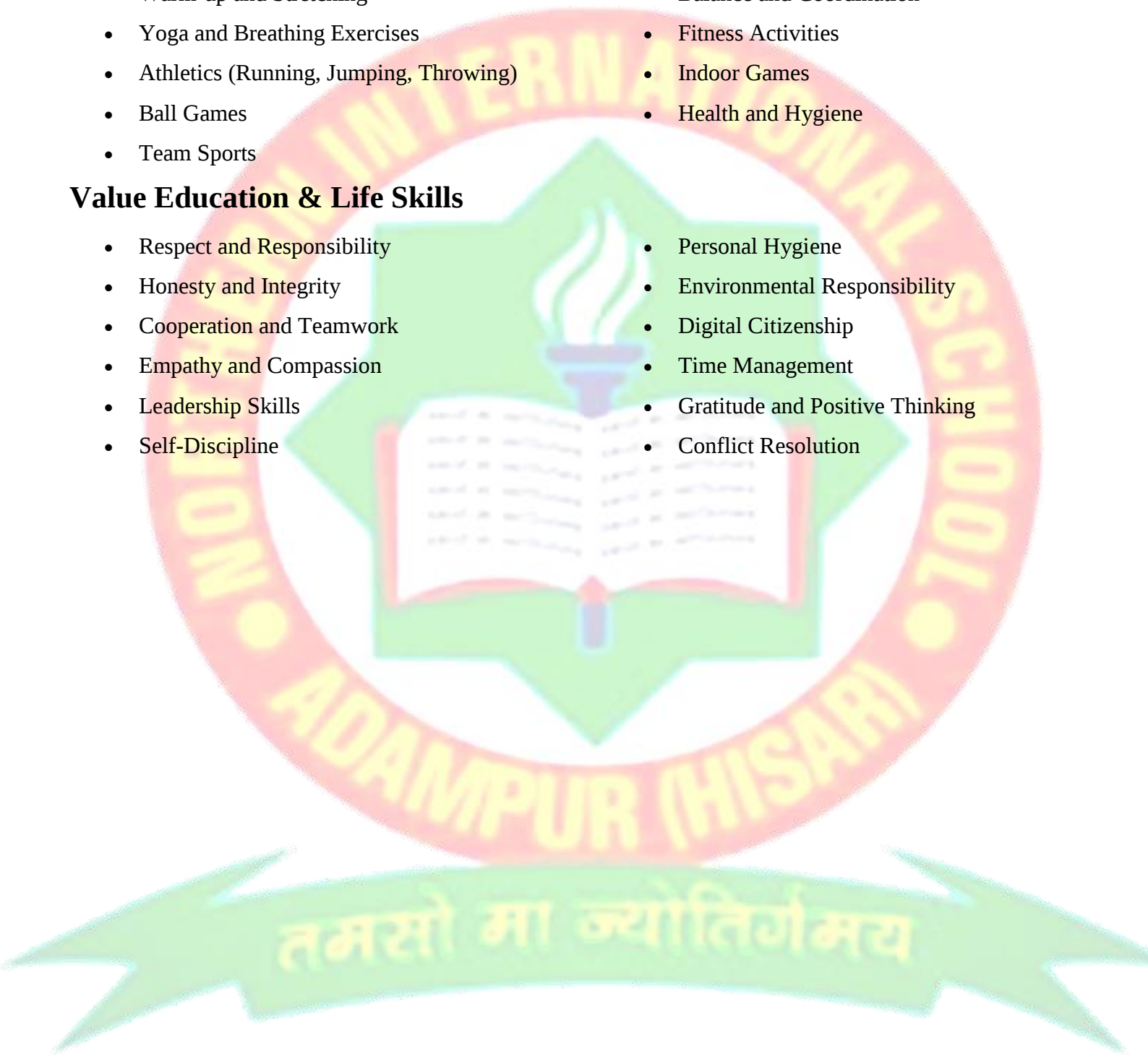
- Music and Dance
- Festival Decoration

Physical Education

- Warm-up and Stretching
- Yoga and Breathing Exercises
- Athletics (Running, Jumping, Throwing)
- Ball Games
- Team Sports
- Balance and Coordination
- Fitness Activities
- Indoor Games
- Health and Hygiene

Value Education & Life Skills

- Respect and Responsibility
- Honesty and Integrity
- Cooperation and Teamwork
- Empathy and Compassion
- Leadership Skills
- Self-Discipline
- Personal Hygiene
- Environmental Responsibility
- Digital Citizenship
- Time Management
- Gratitude and Positive Thinking
- Conflict Resolution



CLASS-V

English

Learning Objectives

- Develop proficiency in listening, speaking, reading, and writing.
- Strengthen grammar, vocabulary, and comprehension skills.
- Encourage creative, critical, and analytical thinking.
- Build confidence in oral and written communication.

Topic	Learning Outcomes	Suggested Activities
Reading Comprehension	Read and interpret stories, poems, and informational texts	Guided reading, book reviews
Vocabulary Development	Learn synonyms, antonyms, idioms, and contextual meanings	Word games, vocabulary journal
Nouns	Identify and use different types of nouns	Sorting activities
Pronouns	Use pronouns accurately in sentences	Sentence completion
Verbs	Identify action, helping, and linking verbs	Role play
Tenses	Use simple present, past, and future tenses correctly	Daily diary writing
Adjectives	Use descriptive and comparative adjectives	Picture description
Adverbs	Describe actions effectively	Story completion
Articles	Apply articles correctly	Grammar worksheets
Prepositions	Use prepositions of place, movement, and time	Classroom activities
Conjunctions	Join words, phrases, and sentences	Sentence-building games
Direct & Indirect Speech (Introduction)	Recognize simple reported speech	Dialogue conversion
Punctuation	Apply punctuation correctly	Editing exercises
Sentence Formation	Construct meaningful and grammatically correct sentences	Sentence strips
Paragraph Writing	Write descriptive and narrative paragraphs	Guided writing
Letter Writing	Write informal and simple formal letters	Letter writing practice
Story Writing	Create original stories	Story map
Poetry	Appreciate and recite poems	Poetry recitation
Listening & Speaking	Participate confidently in discussions and presentations	Debate, Show and Tell

Hindi

अधिगम उद्देश्य

- भाषा कौशलों का समग्र विकास।
- व्याकरण का प्रभावी प्रयोग।
- रचनात्मक एवं अभिव्यक्तिपूर्ण लेखन को बढ़ावा देना।

विषय	अधिगम परिणाम	गतिविधियाँ
गद्य पठन	पाठ का विश्लेषण एवं समझ	वाचन अभ्यास
पद्य पठन	कविता का भावार्थ समझना	कविता प्रस्तुति
संज्ञा	संज्ञा के प्रकार पहचानना	गतिविधि आधारित शिक्षण
सर्वनाम	सर्वनाम का सही प्रयोग	वाक्य निर्माण
विशेषण	विशेषणों का प्रभावी प्रयोग	चित्र वर्णन
क्रिया	क्रिया एवं काल का प्रयोग	अभिनय
काल	वर्तमान, भूत एवं भविष्य काल	अभ्यास
विलोम एवं पर्यायवाची	शब्द भंडार बढ़ाना	शब्द खेल
मुहावरे एवं लोकोक्तियाँ	भाषा को प्रभावशाली बनाना	संवाद लेखन
अनुच्छेद लेखन	विषय आधारित लेखन	चित्र आधारित लेखन
पत्र लेखन	व्यक्तिगत एवं औपचारिक पत्र	प्रारूप अभ्यास
कहानी लेखन	रचनात्मक लेखन	चित्र कहानी
अपठित गद्यांश	प्रश्नों के उत्तर देना	कार्यपत्रिका

Mathematics

Learning Objectives

- Strengthen mathematical reasoning and logical thinking.
- Solve real-life mathematical problems.
- Apply concepts through activity-based learning.

Topic	Learning Outcomes	Suggested Activities
Large Numbers	Read, write, compare, and order numbers up to 10,00,000	Place value chart
Operations on Numbers	Perform addition, subtraction, multiplication, and division	Problem-solving worksheets
Factors & Multiples	Identify factors, multiples, prime and composite numbers	Number games
Fractions	Compare, simplify, and perform basic operations	Fraction strips
Decimals	Read, write, compare, and perform operations	Decimal grids
Percentage (Introduction)	Understand percentages in daily life	Shopping activities

Topic	Learning Outcomes	Suggested Activities
Measurement	Length, weight, capacity, perimeter, and area	Practical measurement
Time	Read clocks, calendars, and solve time problems	Time schedules
Money	Solve real-life money problems	Mock shopping
Geometry	Lines, angles, triangles, quadrilaterals, circles	Geometry kit
Symmetry	Identify and draw lines of symmetry	Paper folding
Volume	Measure volume using cubes	Cube models
Patterns	Explore number and shape patterns	Puzzle activities
Data Handling	Interpret tables, pictographs, and bar graphs	Class survey

Environmental Studies (EVS)

Learning Objectives

- Explore the natural and social environment.
 - Develop scientific inquiry and observation skills.
 - Promote environmental awareness and responsible citizenship.
-
- | | |
|---|---|
| <ul style="list-style-type: none"> • Family and Relationships • Food and Nutrition • Water • Journey of a river • Our school: A happy place • Our vibrant country | <ul style="list-style-type: none"> • Some unique places • Energy : How things work? • Clothes: How things are made? • Rhyme of nature • Earth: Our shared home |
|---|---|

Computer Education

Learning Objectives

- Develop digital literacy and computational thinking.
- Use technology responsibly and safely.
- Create simple digital documents and presentations.

Topic	Learning Outcomes	Suggested Activities
Computer Fundamentals	Understand hardware and software	Lab demonstration
Storage Devices	Identify storage media	Hands-on activity
Operating System	Manage files and folders	Guided practice
MS Word	Create and format documents	Typing assignment
MS PowerPoint	Design presentations	Presentation activity
MS Excel (Introduction)	Create simple tables and charts	Spreadsheet activity
Internet	Search information safely	Supervised browsing
Email (Introduction)	Understand email basics	Demonstration
Cyber Safety	Practice responsible digital behaviour	Discussion and poster making
Coding (Introduction)	Learn block-based programming concepts	Coding games

General Knowledge

- India: States, Capitals, and Union Territories
- National Symbols and Heritage
- Freedom Movement
- Great Leaders and Scientists
- World Continents and Oceans
- Space and Solar System
- Environment and Wildlife
- Sports Personalities
- Important Days and Events
- Current Affairs (age appropriate)

Art Education

- Nature and Landscape Drawing
- Still Life Drawing
- Poster Making
- Folk and Tribal Art
- Craft Work
- Origami
- Clay Modelling
- Collage Making
- Music (Vocal and Instrumental)
- Dance and Drama

Physical Education

- Warm-up and Stretching
- Yoga and Meditation
- Athletics (Running, Jumping, Throwing)
- Team Games (Football, Basketball, Kho-Kho, Kabaddi)
- Ball Skills
- Balance and Coordination
- Fitness Exercises
- Indoor Games
- Health, Nutrition, and Hygiene

Value Education & Life Skills

- Respect and Responsibility
- Honesty and Integrity
- Leadership and Teamwork
- Empathy and Compassion
- Self-Discipline
- Time Management
- Decision Making
- Problem Solving
- Environmental Responsibility
- Digital Citizenship
- Conflict Resolution
- Gratitude and Positive Thinking

Assessment Pattern

Scholastic Assessment

- Classroom Observation
- Oral Assessment
- Written Assignments
- Worksheets
- Subject Enrichment Activities
- Project-Based Learning
- Portfolio Assessment
- Periodic Tests
- Half-Yearly Examination
- Annual Examination

Co-Scholastic Assessment

- Art Education
- Physical Education
- Work Education
- Discipline
- Club Participation
- Life Skills
- Values and Attitudes

CLASS-VI

English

Learning Objectives

- Develop proficiency in reading, writing, listening, and speaking.
- Enhance vocabulary, grammar, and literary appreciation.
- Promote critical thinking, creativity, and effective communication.

Topic	Learning Outcomes	Suggested Activities
Reading Comprehension	Interpret literary and factual texts	Guided reading, comprehension worksheets
Vocabulary Development	Use new words appropriately	Vocabulary journal, word games
Grammar – Nouns	Identify and use different types of nouns	Sentence construction
Pronouns	Apply pronouns correctly	Grammar exercises
Verbs	Use main and auxiliary verbs accurately	Role play
Tenses	Apply present, past, and future tenses	Diary writing
Adjectives & Adverbs	Enhance descriptive writing	Picture description
Prepositions & Conjunctions	Use correctly in writing	Sentence-building activities
Active & Passive Voice (Introduction)	Convert simple sentences	Grammar practice
Direct & Indirect Speech (Introduction)	Change simple dialogues	Pair activities
Paragraph Writing	Organize ideas logically	Guided writing
Formal & Informal Letter Writing	Write different types of letters	Letter-writing workshop
Story Writing	Develop creative writing skills	Story completion
Notice Writing	Draft simple notices	Classroom notices
Poetry Appreciation	Understand poetic devices	Poetry recitation
Listening & Speaking	Participate in discussions and presentations	Debate, role play

Hindi

अधिगम उद्देश्य

- भाषा कौशलों का समग्र विकास।
- व्याकरण का प्रभावी प्रयोग।
- साहित्य के माध्यम से नैतिक एवं सामाजिक मूल्यों का विकास।

विषय	अधिगम परिणाम	गतिविधियाँ
गद्य	पाठ का विश्लेषण एवं समझ	समूह वाचन
पद्य	कविता का भावार्थ समझना	कविता प्रस्तुति
संज्ञा	संज्ञा के भेद पहचानना	गतिविधि आधारित शिक्षण
सर्वनाम	सर्वनाम का उचित प्रयोग	वाक्य निर्माण
विशेषण	विशेषणों का प्रयोग	चित्र वर्णन
क्रिया एवं काल	क्रिया और काल का प्रयोग	अभिनय
मुहावरे एवं लोकोक्तियाँ	भाषा को प्रभावशाली बनाना	संवाद लेखन
पर्यायवाची एवं विलोम	शब्द भंडार बढ़ाना	शब्द खेल
अनुच्छेद लेखन	विचारों को व्यवस्थित रूप से लिखना	विषय आधारित लेखन
पत्र एवं संवाद लेखन	औपचारिक एवं अनौपचारिक पत्र	लेखन अभ्यास
अपठित गद्यांश	विश्लेषणात्मक प्रश्नों के उत्तर देना	कार्यपत्रिका

Mathematics

Learning Objectives

- Develop mathematical reasoning and analytical skills.
- Apply concepts to solve real-life problems.
- Encourage logical thinking and problem-solving.

Topic	Learning Outcomes	Suggested Activities
Knowing Our Numbers	Read, compare, and estimate large numbers	Number chart activities
Whole Numbers	Apply operations and properties	Number games
Playing with Numbers	Understand factors, multiples, HCF, LCM	Puzzle activities
Basic Geometrical Ideas	Identify geometrical figures	Geometry kit
Understanding Elementary Shapes	Draw and classify angles and polygons	Practical drawing
Integers	Perform operations on integers	Number line activities
Fractions	Compare and perform operations	Fraction models
Decimals	Apply decimal operations	Shopping activities
Data Handling	Interpret tables and bar graphs	Class survey
Mensuration	Calculate perimeter and area	Measurement activities
Algebra	Understand variables and expressions	Pattern exploration
Ratio (Introduction)	Compare quantities	Practical examples

Science

Learning Objectives

- Develop scientific inquiry and observation skills.
- Understand basic scientific concepts through experiments.

- Promote environmental awareness.

- Components of Food
- Sorting Materials
- Separation of Substances
- Diversity in Living Organisms world
- Motion and Measurement
- Fun with Magnets
- Wonderful world of science
- Mindful eating
- Material around us
- Temperature and its measurement
- A journey through states of water
- Living creatures
- Nature's treasure
- Beyond earth

Social Science

History

Topic

What, Where, How and When

Early Humans

First Farmers

Early Kingdoms

New Ideas

Kingdoms and Republics

Learning Outcomes

Understand sources of history

Explain prehistoric life

Understand agricultural beginnings

Describe early civilizations

Explore religions and philosophies

Compare governance systems

Geography

Topic

Ocean and continents

Major Landforms

India – Location

Learning Outcomes

Identify continents and oceans on map

Describe mountains, plains, and plateaus

Locate India on the map

Civics

Topic

Diversity

Government

Panchayati Raj

Rural Administration

Urban Administration

Learning Outcomes

Appreciate cultural diversity

Understand local and state government

Explain local self-government

Understand village administration

Understand municipal governance

Computer Education

Topic

Computer Fundamentals

Operating System

Learning Outcomes

Understand computer hardware and software

Manage files and folders

Suggested Activities

Lab demonstration

Hands-on practice

Topic	Learning Outcomes	Suggested Activities
Word Processing	Create and format documents	Document creation
Presentations	Design presentations	Class presentation
Spreadsheets	Perform simple calculations	Spreadsheet activity
Internet & Web Browsing	Search information safely	Supervised browsing
Cyber Safety	Practice digital citizenship	Poster making
Introduction to Coding	Understand algorithms and block coding	Coding exercises

Art Education

- Elements of Art
- Nature Drawing
- Perspective Drawing
- Poster Making
- Folk and Tribal Art
- Clay Modelling
- Craft Work
- Music (Vocal and Instrumental)
- Dance
- Theatre and Role Play

Physical Education

- Physical Fitness
- Yoga and Meditation
- Athletics
- Football
- Basketball
- Volleyball
- Kho-Kho
- Kabaddi
- Health and Nutrition
- First Aid

Work Education & Life Skills

- Gardening
- Waste Management
- Cooking Without Fire
- Community Service
- Financial Literacy (Basic)
- Digital Citizenship
- Communication Skills
- Leadership
- Teamwork
- Time Management
- Decision Making
- Environmental Conservation

Assessment Pattern

Scholastic Assessment

- Periodic Tests (PT-1, PT-2, PT-3)
- Multiple Assessments
- Subject Enrichment Activities
- Project-Based Learning
- Portfolio Assessment
- Half-Yearly Examination
- Annual Examination

Co-Scholastic Assessment

- Art Education
- Physical Education
- Work Education
- Discipline
- Club Activities
- Life Skills
- Values and Attitudes

CLASS-VII

English

Learning Objectives

- Develop proficiency in listening, speaking, reading, and writing.
- Strengthen grammar, vocabulary, and literary appreciation.
- Enhance creative, analytical, and critical thinking.
- Communicate effectively in different situations.

Topic	Learning Outcomes	Suggested Activities
Reading Comprehension	Interpret literary and factual texts critically	Guided reading, comprehension exercises
Vocabulary Development	Use synonyms, antonyms, idioms, and contextual vocabulary	Vocabulary journal, word games
Grammar – Parts of Speech	Identify and use all parts of speech correctly	Grammar worksheets
Tenses	Use present, past, and future tenses accurately	Daily journal writing
Modals	Use can, could, may, might, should, must appropriately	Dialogue writing
Active & Passive Voice	Transform simple sentences	Pair activities
Direct & Indirect Speech	Convert dialogues into reported speech	Conversation exercises
Articles, Prepositions & Conjunctions	Apply grammar accurately	Sentence-building activities
Punctuation	Edit written work correctly	Editing tasks
Formal & Informal Letter Writing	Draft different types of letters	Letter writing practice
Notice Writing	Prepare notices for school events	Notice board activity
Message Writing	Write clear and concise messages	Classroom exercises
Story Writing	Create imaginative stories	Story completion
Diary Entry	Express thoughts in diary format	Reflective writing
Paragraph & Essay Writing	Organize ideas logically	Guided writing
Poetry Appreciation	Interpret poetic devices and themes	Poetry recitation
Listening & Speaking	Participate confidently in debates and presentations	Debate, role play

Hindi

अधिगम उद्देश्य

- भाषा कौशलों का समग्र विकास।
- साहित्य के माध्यम से सामाजिक एवं नैतिक मूल्यों का विकास।
- व्याकरण एवं रचनात्मक लेखन में दक्षता प्राप्त करना।

विषय	अधिगम परिणाम	गतिविधियाँ
गद्य	पाठ का विश्लेषण एवं व्याख्या	समूह वाचन

विषय

पद्य
संज्ञा, सर्वनाम, विशेषण
क्रिया एवं काल
कारक एवं वचन
मुहावरे एवं लोकोक्तियाँ
पर्यायवाची एवं विलोम
अनुच्छेद लेखन
पत्र लेखन
संवाद एवं कहानी लेखन
अपठित गद्यांश

अधिगम परिणाम

कविता का भावार्थ एवं अलंकार समझना
व्याकरण का सही प्रयोग
वाक्यों में उचित प्रयोग
व्याकरणिक शुद्धता
भाषा को प्रभावशाली बनाना
शब्द भंडार विकसित करना
विचारों को क्रमबद्ध रूप में लिखना
औपचारिक एवं अनौपचारिक पत्र लिखना
रचनात्मक लेखन
विश्लेषणात्मक प्रश्नों के उत्तर देना

गतिविधियाँ

कविता प्रस्तुति
अभ्यास कार्य
अभिनय
गतिविधि आधारित शिक्षण
संवाद लेखन
शब्द खेल
विषय आधारित लेखन
प्रारूप अभ्यास
समूह गतिविधि
कार्यपत्रिका

Mathematics

Learning Objectives

- Develop logical reasoning and analytical thinking.
- Apply mathematical concepts in daily life.
- Solve problems using multiple strategies.

Topic

Integers

Fractions & Decimals

Rational Numbers

Exponents & Powers

Algebraic Expressions

Simple Equations

Lines & Angles

Triangles & Their Properties

Congruence of Triangles

Comparing Quantities

Perimeter & Area

Data Handling

Symmetry

Learning Outcomes

Perform operations on integers

Solve problems involving fractions and decimals

Understand and compare rational numbers

Apply exponent laws

Simplify expressions

Solve one-variable equations

Identify and measure angles

Classify triangles and verify properties

Verify congruence criteria

Calculate percentage, profit & loss, discount, simple interest

Calculate perimeter and area of figures

Interpret bar graphs and simple statistics

Draw lines of symmetry

Suggested Activities

Number line activities

Fraction models

Number line representation

Pattern exploration

Algebra tiles

Balance model

Geometry kit

Paper folding

Practical activities

Real-life case studies

Measurement activities

Class survey

Art integration

Science

Learning Objectives

- Develop scientific inquiry through observation and experimentation.
- Understand scientific principles and their practical applications.

- Promote environmental responsibility.

Topic	Learning Outcomes	Suggested Activities
Nutrition in Plants	Explain photosynthesis and nutrient requirements	Leaf experiment
Nutrition in Animals	Describe the digestive system	Digestive system model
Fibre to Fabric	Understand wool and silk production	Fibre observation
Heat	Measure and compare temperature	Thermometer activity
Acids, Bases & Salts	Identify common indicators	Laboratory experiments
Physical & Chemical Changes	Differentiate changes	Demonstrations
Weather, Climate & Adaptations	Explain adaptations in plants and animals	Nature observation
Winds, Storms & Cyclones	Understand causes and safety measures	Weather chart
Soil	Identify soil types and properties	Soil testing
Respiration in Organisms	Explain respiration process	Model activity
Transportation in Animals & Plants	Understand circulatory system	Heart model
Reproduction in Plants	Explain methods of reproduction	Seed germination
Motion & Time	Measure speed and motion	Practical experiments
Electric Current & Its Effects	Construct simple electric circuits	Circuit activity
Light	Explain reflection and image formation	Mirror experiment

- The never ending world of science
- World of metals and non-metals
- Earth, Moon and Sun
- Adolescence

Social Science

History

Topic	Learning Outcomes
Tracing Changes Through a Thousand Years	Understand historical developments
New Kings and Kingdoms	Explain medieval kingdoms
Delhi Sultanate	Analyze political developments
Mughal Empire	Describe administration and culture
Tribes, Nomads & Settled Communities	Compare lifestyles
Devotional Paths	Understand the Bhakti and Sufi Movements
Regional Cultures	Appreciate cultural diversity

Topic	Learning Outcomes
Eighteenth Century Political Formations	Explain political changes

Geography

Topic	Learning Outcomes
Environment	Understand components of the environment
Inside Our Earth	Explain Earth's structure
Our Changing Earth	Understand landforms and natural processes
Air	Describe the atmosphere
Water	Explain the water cycle
Natural Vegetation & Wildlife	Understand biodiversity
Human Environment	Explain human-environment interaction

Civics

Topic	Learning Outcomes
Equality	Understand equality in democracy
Role of Government	Explain government functions
State Government	Describe state administration
Media & Democracy	Analyze media's role
Markets Around Us	Understand markets and consumers
Gender	Promote gender equality
Understanding Advertising	Evaluate advertisements

Computer Education

Learning Objectives

- Develop digital literacy and computational thinking.
- Use productivity software efficiently.
- Practice responsible and safe technology use.

Topic	Learning Outcomes	Suggested Activities
Computer System	Understand hardware and software	Lab activity
Operating System	Manage files and folders	Hands-on practice
MS Word	Create and format documents	Project work
MS Excel	Create spreadsheets and charts	Spreadsheet exercises
MS PowerPoint	Design multimedia presentations	Presentation activity

Topic	Learning Outcomes	Suggested Activities
Internet & Web Browsing	Search and evaluate information	Research task
Email	Send and receive emails	Demonstration
Cyber Safety	Practice safe online behaviour	Poster making
Coding	Develop programs using block-based or beginner text-based coding	Coding challenges
Artificial Intelligence (Introduction)	Understand basic AI concepts and applications	AI demonstrations

Art Education

- Elements and Principles of Art
- Perspective Drawing
- Nature and Landscape Painting
- Folk and Tribal Art
- Craft Work and Recycling
- Clay Modelling
- Poster and Collage Making
- Vocal and Instrumental Music
- Dance Forms
- Theatre and Role Play

Physical Education

- Physical Fitness
- Yoga and Meditation
- Athletics
- Football
- Basketball
- Volleyball
- Kho-Kho
- Kabaddi
- Cricket (Basic Skills)
- Health, Nutrition, and First Aid

Work Education & Life Skills

- Gardening
- Kitchen Gardening
- Waste Management
- Community Service
- Financial Literacy (Basic Budgeting)
- Digital Citizenship
- Communication Skills
- Leadership
- Teamwork
- Decision Making
- Time Management
- Environmental Conservation
- Entrepreneurship (Introduction)

CLASS-VIII

English

Learning Objectives

- Develop advanced reading, writing, listening, and speaking skills.
- Strengthen grammar and vocabulary for effective communication.
- Appreciate literature and express ideas creatively and analytically.
- Build confidence in academic and real-life communication.

Topic	Learning Outcomes	Suggested Activities
Reading Comprehension	Analyze literary and informational texts	Guided reading, comprehension exercises
Vocabulary Development	Use synonyms, antonyms, idioms, and phrasal verbs	Vocabulary journal
Grammar – Parts of Speech	Apply grammar accurately in writing and speaking	Grammar worksheets
Tenses	Use all basic tenses correctly	Journal writing
Modals	Express possibility, obligation, and advice	Dialogue writing
Active & Passive Voice	Transform sentences correctly	Pair activities
Direct & Indirect Speech	Report conversations accurately	Role play
Clauses & Conjunctions	Construct complex sentences	Sentence-building
Punctuation & Editing	Edit written work effectively	Proofreading exercises
Formal & Informal Letter Writing	Draft personal and official letters	Letter writing
Notice Writing	Prepare notices for school activities	Notice board activity
Message Writing	Convey information accurately	Classroom exercises
Report Writing	Write reports on school events	Report preparation
Story Writing	Create imaginative stories	Story completion
Article Writing	Present ideas on current topics	Article writing
Speech & Debate	Speak confidently on assigned topics	Debate competition
Poetry Appreciation	Interpret poetic devices and themes	Poetry recitation

Hindi

अधिगम उद्देश्य

- भाषा कौशलों का समग्र विकास।
- साहित्यिक अभिरुचि एवं रचनात्मक लेखन का विकास।
- व्याकरणिक शुद्धता एवं प्रभावी अभिव्यक्ति विकसित करना।

विषय	अधिगम परिणाम	गतिविधियाँ
गद्य	पाठ का विश्लेषण एवं व्याख्या	समूह वाचन
पद्य	कविता का भावार्थ एवं अलंकार समझना	कविता प्रस्तुति
संज्ञा, सर्वनाम, विशेषण	व्याकरण का शुद्ध प्रयोग	अभ्यास कार्य
क्रिया एवं काल	उचित प्रयोग	अभिनय

विषय

कारक एवं समास
मुहावरे एवं लोकोक्तियाँ
पर्यायवाची एवं विलोम
अनुच्छेद लेखन
पत्र एवं संवाद लेखन
निबंध लेखन
अपठित गद्यांश

अधिगम परिणाम

व्याकरणिक संरचना समझना
प्रभावी भाषा का प्रयोग
शब्द भंडार विकसित करना
सुव्यवस्थित लेखन
औपचारिक एवं अनौपचारिक लेखन
विचारों की तार्किक प्रस्तुति
विश्लेषणात्मक उत्तर देना

गतिविधियाँ

गतिविधि आधारित शिक्षण
संवाद लेखन
शब्द खेल
विषय आधारित लेखन
लेखन अभ्यास
निबंध प्रतियोगिता
कार्यपत्रिका

Mathematics

Learning Objectives

- Apply mathematical concepts in real-life situations.
- Develop logical reasoning and analytical skills.
- Solve higher-order mathematical problems.

Topic	Learning Outcomes	Suggested Activities
Rational Numbers	Perform operations on rational numbers	Number line activities
Linear Equations in One Variable	Solve equations logically	Balance model
Understanding Quadrilaterals	Identify properties of quadrilaterals	Geometry kit
Practical Geometry	Construct quadrilaterals	Compass activities
Data Handling	Interpret graphs and probability	Class survey
Squares & Square Roots	Apply square root concepts	Pattern exploration
Cubes & Cube Roots	Solve cube-related problems	Cube models
Comparing Quantities	Solve problems on percentages, discount, GST (intro), profit & loss, simple and compound interest	Real-life activities
Algebraic Expressions & Identities	Simplify algebraic expressions	Algebra tiles
Visualising Solid Shapes	Understand 3D figures	Model making
Mensuration	Calculate surface area and volume	Measurement activities
Exponents & Powers	Apply exponent laws	Mathematical puzzles

Science

Learning Objectives

- Develop scientific thinking through investigation and experimentation.
- Understand scientific concepts and their applications.
- Promote environmental awareness and sustainability.

Topic	Learning Outcomes	Suggested Activities
Crop Production & Management	Understand agricultural practices	Seed germination
Microorganisms	Identify useful and harmful microorganisms	Microscope observation
Synthetic Fibres & Plastics	Compare natural and synthetic materials	Material testing
Materials: Metals & Non-Metals	Classify materials by properties	Laboratory activities
Coal & Petroleum	Understand fossil fuels and conservation	Energy audit
Combustion & Flame	Explain combustion and fire safety	Demonstrations
Conservation of Plants & Animals	Appreciate biodiversity	Nature walk
Cell – Structure & Functions	Identify cell parts	Microscope activity
Reproduction in Animals	Understand reproduction processes	Model study
Reaching the Age of Adolescence	Explain physical and emotional changes	Health awareness session
Force & Pressure	Investigate effects of force	Experiments
Friction	Understand friction in daily life	Practical activities
Sound	Explore sound production and properties	Sound experiments
Chemical Effects of Electric Current	Explain electroplating	Laboratory experiment
Some Natural Phenomena	Understand lightning and earthquakes	Safety drills
Light	Explain reflection, refraction (intro), and vision	Mirror and lens activities

Social Science

History

Topic	Learning Outcomes
How, When and Where	Understand sources of modern history
From Trade to Territory	Explain the expansion of British rule
Ruling the Countryside	Understand changes in agriculture
Tribal Communities	Appreciate tribal life and culture
Revolt of 1857	Analyze causes and consequences
Women, Caste & Reform	Understand social reform movements
The National Movement	Trace India's struggle for independence
India After Independence (Introduction)	Understand nation-building

Geography

Topic

Resources
Land, Soil & Water Resources
Agriculture
Industries
Human Resources

Learning Outcomes

Classify natural, human, and human-made resources
Understand conservation practices
Explain farming methods
Understand industrial development
Appreciate population and human development

Civics

Topic

The Indian Constitution
Secularism
Parliament & Law Making
Judiciary
Marginalisation
Public Facilities
Law & Social Justice

Learning Outcomes

Understand constitutional values
Appreciate diversity and equality
Explain legislative processes
Understand the justice system
Promote inclusion
Understand public services
Explain citizens' rights and responsibilities

Computer Education

Learning Objectives

- Develop computational thinking and digital literacy.
- Use technology creatively, safely, and responsibly.
- Explore coding and emerging technologies.

Topic

Computer Networks
Operating System
MS Word (Advanced)
MS Excel
MS PowerPoint
Internet Research
Cyber Safety & Digital Citizenship
Coding (Python/Block Coding)
Artificial Intelligence
Robotics (Introduction)

Learning Outcomes

Understand LAN, WAN, and the Internet
Manage files and settings
Create professional documents
Use formulas and charts
Design multimedia presentations
Evaluate online information
Practice responsible online behaviour
Write simple programs
Explore AI applications and ethics
Understand basic robotics concepts

Suggested Activities

Network diagram
Hands-on practice
Project work
Spreadsheet exercises
Class presentation
Research project
Awareness campaign
Coding challenges
AI demonstrations
Model building

Art Education

- Elements and Principles of Design
- Perspective Drawing
- Portrait Drawing
- Folk and Tribal Art
- Poster and Mural Making
- Clay Modelling
- Craft Using Waste Materials
- Vocal and Instrumental Music
- Indian Folk and Classical Dance
- Theatre and Creative Expression

Physical Education

- Physical Fitness
- Yoga and Meditation
- Athletics
- Football
- Basketball
- Volleyball
- Cricket
- Kho-Kho
- Kabaddi
- Health, Nutrition, and First Aid
- Team-building Activities

Work Education & Life Skills

- Kitchen Gardening
- Waste Management and Recycling
- Community Service
- Financial Literacy
- Entrepreneurship (Introduction)
- Communication Skills
- Leadership
- Decision Making
- Problem Solving
- Time Management
- Digital Citizenship
- Environmental Conservation
- Career Awareness

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