

# Bhatnagar International Foundation School

Session 2026-27

AOL-Grade V

## **AN ATTEMPT TO INITIATE CHILD FRIENDLY LEARNING**

Dear Parents, Your ward has already stepped ahead from the Pre Primary level to the Primary level of learning. A Progressive learning programme has been designed for junior classes to be followed by students and teachers in an entirely stress free and enjoyable environment. Efforts are being made to nurture latent abilities of each child. The assessment disciplines include a practical learning system comprising of social values, the classroom conduct, the accent the child picks up and how to boost the level of confidence to present oneself very smartly in all situations. A programme has been designed for strengthening writing ability of students, emphasizing upon written expression, retention power and learning to complete the task within a specified time. Under the programme students will be assessed regularly, twice in each of the two rounds of Appraisals, for specified subjects in a short span of 30 to 40 minutes on the basis of what they have learnt within a period of a month or at the most two months. A questionnaire will be provided to students wherein they will “ATTEMPT” the questions. A comprehensive report of assessment of each student’s performance will be handed over to parents twice in a year. All activities whether scholastic, non-scholastic, sports, arts, outings, communication skills and the regular classes and home assignments will help us to assess the day to day performance of students in different aspects as well as ensuring regular learning by each student. We sincerely hope this programme will help students to better their performance in an healthy atmosphere where learning would be joyful!!

Principal

## **LANGUAGE SKILLS**

### **1. April'26**

**Lesson 1-** Doctor Dolittle's Dilemma (Reading and discussion of the lesson and introduction to collocations)

**ACTIVITY:** Dialogue Writing-an exchange of interesting dialogues between an animal doctor (a veterinarian) and any animal of your choice.

**Language Study-** Subject and Predicate

Types of Sentences

Transformation of Sentences

Unseen Comprehension Passage

**ACTIVITY:** Sentence Type Sorting Game

### **2. May'26**

**Poem 1-** "I Opened a Book" (Reading and discussion of the poem along with making the children familiar to the different genres of books)

**ACTIVITY:** Which is your favourite genre of book? Name the book. What emotions did it stir up within you while you were reading it?

**Language Study-** Punctuation and Parsing of Sentences

### **3. July'26**

**Lesson 2-** Mrs. Dewpond's Daughters

**ACTIVITY:** Handmade with Love (the children would be making handmade cards for their mothers by writing a heartfelt message, drawing a picture, or including a photograph of themselves with their mother.)

## **Poem 2- “One Day I’ll Be”**

**ACTIVITY:** A Role-Play wherein the children would be enacting a profession of their choice by dressing up and describing about it to the class. The classmates would then try to guess the profession that has been enacted.

**Language Study-** Nouns

Homophones

**ACTIVITY:** Noun Scavenger Hunt

## **4. August’26**

**Lesson 3-** King for a Day (**GRAPHIC STORY**)

**ACTIVITY:** A fiery duel of words (DEBATE) on the topic: “Does wealth and power buy someone happiness?”

**Lesson 4-** A Bridge that Grows

**Language Study-** Types of adjectives

Degrees of Comparison of adjectives

Types of pronouns

Prefixes

## **5. September’26**

**Lesson 5-** Yummy Microbes (An Informational Prose)

**ACTIVITY:** Food Poetry Slam

**Poem 3-** “The Music of Your Voice”

**Language Study-**

ch Sound Words (Page-59 of the English Coursebook)

Articles

Subject-Verb Agreement

**6. October’26**

**Lesson 6-** The Quilt Maker

**ACTIVITY:** Diary Entry on a new skill that you would aspire to learn and why.

**Language Study-** Primary Auxiliary Verbs

Modals

Past Participle Form of the Verb

Abbreviations

Silent Letters

Suffixes

**7. November’26**

**Lesson 7-** Adventure with Dilly

**ACTIVITY:** Informal Letter Writing on an Adventurous Activity

**Poem 4–** City Trees

**ACTIVITY:** Identifying the Characteristics of a Tree (Nature Walk)

**Language Study-** Types of Tenses (Simple Present, Present Continuous, Simple Past, Past Continuous, Present Perfect, Past Perfect)

## **8. December'26**

**Lesson 8-** Who Is to Blame? (Play)

**ACTIVITY:** The Best Scriptwriter Competition

**Language Study-** Introduction to Homonyms

Adverbs-Formation and its Types

Types of Prepositions

**ACTIVITY:** A clock model game on Prepositions

## **9. January'27**

**Lesson 9-**Never Give Up! (Biography)

**Poem 5–** Travel for Fun

**ACTIVITY:** Create an itinerary for your visit to a beach or a hill station.

**Language Study-**

's' sound (Page 113 of the English Coursebook)

Tenses- Simple Future Tense

Future Continuous Tense

## **10. February'27**

## **Lesson 10**-Tiger at the Door

## **Lesson 11**-Can't Stop Laughing

## **ACTIVITY:** Emoji Charades

## **Language Study-** Conjunctions

Phrases and Clauses

Independent and Dependent Clauses

## **11. March'27**

## **Lesson 12**-The M.C.C

## **Language Study-** Contractions

## **NUMBER WORK :**

**Note:** 1. Interesting games on mathematical concepts, quick calculations, dodging of tables will be done thoroughly.  
2. Quick tips, Key Words , Let's Try , Let's do, Let's Answer , Value and Life Skills , HOTS ,Worksheets, Math Lab Activity and other such task given in each chapter will be an integral part of each concept.

## **APRIL- MAY'26**

### **Chapter 1: Numbers:** Ex 1A to 1 G

Fun with Maths Activity: The spike-abacus making: It represents the number of multi-digits where the digits are represented by the spikes of the abacus.

The spikes from right to left represent the places of the place values of the digits in increasing order i.e., 1, 10, 100,1000 ..... etc. In the given grid numbers up to 6/7 digits are given, their place value is written in jumbled order. Children have to search them horizontally, vertically and diagonally and write their number name while putting them in the proper order of their respective place values.

## **Chapter 2: Roman Numerals: Ex : 2a and b**

### **Fun with Maths Activity :**

- 1. Mirror Activity :** If we write the numbers like IV, VI, IX and XI and place it before a plane mirror, we see the images as VI, IV, XI and IX. Children find that rather interesting.

**Activity 2 :** Children take keen interest in forming the Roman numerals with match sticks.

### **JULY '26:**

## **Chapter 3 : Operations:: Ex 3A to 3I**

### **Fun with Maths Activity :**

Every Operation tells a story: Class can be divided into four groups. Each group will be given time to prepare and enact a story comprising of all four basic operations

Dodging of Tables 2-8

### **AUGUST '26 :**

## **Chapter 4: Unitary Method: Ex 4A to 4B**

**Fun with Math Activity:** The Classroom can be turned into a mini market .Children will be given a sheet of paper wherein they will write the cost of given items, they will find the cost of one and subsequently the cost of the required items.

Dodging of Tables 9 to 13

## **Chapter 5 : Factors and Multiples Ex 5 A to 5C**

Fun with Math Activity: Children will make Multiplication Factor Tree showing all the factors of a number on the various branches

### **SEPTEMBER '26 :**

## **Chapter 6: Fractions: Ex 6A to 6G**

**Activity:** Paper Plate Fraction Activity to show various fractions on a paper plate like  $\frac{1}{2}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$ ,  $\frac{6}{8}$  etc.

Table of 14 , 15 and 16

## **Chapter 7: Percentage: Ex 7A to 7E**

**Fun with Math Activity:** Children will prepare a Progress Report card of a child A and child B with different marks of different subjects on 100 and then find the overall percentage to see and figure out who has performed better .

## **OCTOBER '26 :**

### **Chapter 8: Money: Ex 8 A to 8 C**

**Fun with Math Activity:** Children will gather and share information about old Indian currency notes which are no longer in use, they will collect at least 4 such notes or coins and paste them in a scrap book .

Also, they will collect information about demonetization.

+ Review 3 and Evaluation 1

Dodging of Tables 17 to 20

**Project Activity:** Collect some hand-written and computerized bills from a nearby stationary or a grocery store and paste them in your notebook.

### **Chapter 9 : Profit Loss : Ex 9A to 9 C :**

#### **Fun with Math Activity:**

Students track the costs of production for the toy. They then demonstrate the toy and take orders from their classmates. Using the number of orders (quantity demanded), students calculate their total revenue and then either their profit or loss.

## **NOVEMBER '2026 :**

### **Chapter 10 : Simple Interest : Ex 2 A and B**

**Fun with Math Activity:** Matching Board Game: Students will calculate the interest values using the simple interest equation and then match the answer to the principal, time, and rate options.

### **Chapter 11: Measurements: Ex: 3 A and B**

**Fun with Math Activity:** One of the best measurement activities examples in daily life is cooking. When kids get involved in baking or cooking, they naturally engage with measurements. By using measuring

cups and spoons, they learn about volume and [quantity](#). It's a delicious way to understand measurements and enjoy the results!

## **DECEMBER '2026 : Chapter 12 : Perimeter ,Area and Volume :** **Ex :12 A to D**

1. **Fun with Math Activity:** Nature Walk: Take the class on a nature walk and ask them to identify and measure different natural objects, such as leaves, rocks, and tree trunks. Then, have them calculate the area and perimeter of these objects using the appropriate formulas and compare their answers with their classmates.
2. Chalk Shapes: Have the class work in pairs to draw and label different shapes on the pavement using chalk. Then, have each pair measure the length and width of each shape and use this measurement to calculate the perimeter and area of the shape. Finally, have each pair share their answers with the class.

### **Chapter 13 : Time : Ex: 13 A ,B and C**

**Fun with Math Activity:** Use our *Time Dominoes* in small groups or as a whole class activity. Students need to match the correct analogue time with its digital version.

This domino activity is also available in five-minute intervals.

## **JANUARY '2027 : Chapter 14 :Geometry and Shapes :** **Ex: 14 A to D**

**Fun with Math Activity:** Creating Art with Angles Activity, students will make a spectacular design with circles and then draw their angles. All you need is a compass (or circular shapes to trace), a ruler, a protractor, and a choice of coloring tools. Students will measure and color code angles based on

classification, creating unique patterns while revising their learning of different angles.

### **Chapter 15 : Patterns : Ex 14 A and B:**

**Fun with Math Activity:** Activity of Patterns in real life: Everything is either a pattern,a part of a pattern or it has no significance to us as people or life forms .all our brain does is process and store patterns .We

seek them ,recognize them ,save them ,compare them and even force what we observe to be fit or fit into a pattern. So observing patterns in nature and recording them is the best activity here.

### **FEBRUARY '2027 : Chapter 16 :Data Handling :**

**Ex :16 A and B**

**Fun with Math Activity:** Making a working model of a Bar Graph

### **MARCH '2027 :**

- Revision of all concepts learnt.
- Mental Math, Quiz, MCQs.
- Learning ,application and Dodging of Tables till 20

## **भटनागर इंटरनेशनल फाउंडेशन स्कूल हिंदी पाठ्यक्रम कक्षा- पाँचवी-2026) 2( 7**

**नोट – पठन- पाठन,श्रुतलेख, शब्दार्थ,भाषा कौशल का अध्ययन पाठों के आधार पर किया जाएगा ।**

**अप्रैल-पाठ . 1यह सौभाग्य हमारा है**

**विषय संवर्धन गतिविधियाँ :-**1.तिरंगे का चित्र कार्यपुस्तिका में बनाओ और - पुस्तिका में-उनके नाम अपनी कार्य । भारत को कई नामों से जाना जाता है

**व्याकरण- पाठ -लिंग ,भाषा और व्याकरण 1 –1-20 -वचन ,1 15-, विलोम 1-201 पर्यायवाची, -15-गद्यांश, 1 पृष्ठ संख्या 124**

**|मई -पाठ-2 पागल हाथी**

**विषय संवर्धन गतिविधियाँ :-**ऐसा एक नेक काम कक्षा में बताओ जो आपके द्वारा किया गया हो और जिसका आपको इनाम मिला हो ।

**व्याकरण- पाठ ,विचार-वर्ण 2-शुद्ध1 अशुद्ध-- 18,श्रुतिसमभिनार्थक -1-10 अनेक शब्दों के लिए एक शब्द -1-10 1 मुहावरे ,- 6, चित्र वर्णन-**

**जुलाई-पाठ-3** मेहनत की कमाई ,**पाठ-4** एक पत्र सांता के नाम  
विषय संवर्धन गतिविधियाँ -:छात्र अपने शब्दों में पाठ-3 की कहानी  
सुनाएँगे।

भूकंप से बचने के उपाय के बारे में कक्षा चर्चा ।

व्याकरण-पाठ,संज्ञा-अनेकार्थी -1-6,औपचारिक पत्र2-गद्यांश, पृष्ठ संख्या 124

**अगस्त- : पाठ -5** लुइ ब्रेल ,**पाठ -6** कदंब का पेड़

विषय संवर्धन गतिविधियाँ -:ब्रेल लिपि के बारे में अनुच्छेद लिखें ।

बांस से बने जाने वाली चीज़ों के चित्र अ-4 साइज़ शीट पर चिपकाएँ।

व्याकरण –पाठ सर्वनाम ,अनेक शब्दों के लिए एक शब्द 11-20,विलोम-21-40

चित्रवर्णन-

**सितम्बर-:** पाठ-7 पेय जल का रख-पाठ , रखाव-8 मेरी गाय

विषय संवर्धन गतिविधियाँ -:जल प्रदूषण से बचने के कारण अ-4 साइज़ शीट  
पर लिखें और कक्षा में प्रस्तुत करें ।

अकबर और बीरबल की कोई कहानी कक्षा में सुनाएँ ।

व्याकरण -पाठ-9 विशेषण लिंग -21,30- वचन-16-30,पर्यायवाची-16 ,25-

अनुच्छेद, गद्यांश

**अक्टूबर- : पाठ-9** सूरज का रथ- पाठ, 10 ऊँट का कूबड़

विषय संवर्धन गतिविधियाँ -"चेतक की वीरता"कविता की कक्षा चर्चा ।

ऊँट को रेगिस्तान का जहाज क्यों कहा जाता है । कक्षा चर्चा ?

व्याकरण-पाठ-3 शब्द, विचार-शुद्ध18 अशुद्ध--अनेक शब्दों के लिए एक ,36

12 शब्द-24, मुहावरे7--| पत्र, वर्णन-चित्र , 17

**नवम्बर- : पाठ 11 –** कथक सम्राट

विषय संवर्धन गतिविधियाँ-

नृत्य और संगीत के कुछ कलाकारों के चित्र एकत्रित करके उसका कोलाज  
बनाकर कक्षा में प्रस्तुत करें ।

व्याकरण पाठ-10 ,( क्रिया)पाठ-21 ( चिह्न-विराम)

लिंग -29-40 - विलोम ,41-52 -पर्यायवाची, ,2-633गद्यांश ,

## **दिसम्बर-:पाठ-12 झलकारी बाई**

**विषय संवर्धन गतिविधियाँ-**

झाँसी की रानी लक्ष्मीबाई की कविता की कक्षा में प्रस्तुति -:

**व्याकरण -पाठ-11,( काल)पाठ-30 – नारा)लेखन (**

शुद्ध25 अशुद्ध-- 36, अनेक शब्दों के लिए एक शब्द-25-35-मुहावरे ,18-25 ,  
वर्णन-चित्र

## **जनवरी- : पाठ 13-सीख भरे दोहे**

**विषय संवर्धन गतिविधियाँ -:**

कक्षा में दोहा वाचन करवाया जाएगा |

**व्याकरण -पाठ-12 , 13**

## **फ़रवरी- : पाठ -14 खरगोश के बच्चे**

**विषय संवर्धन गतिविधियाँ -:**

हमें जानवरों के प्रति कैसा व्यवहार करना चाहिए अपने विचार प्रस्तुत करें –

**व्याकरण -पाठ -27 – संवाद)लेखन (**

## **मार्च- : पाठ -:15 काँच की कहानी**

**विषय संवर्धन गतिविधियाँ -:**संसार की महत्वपूर्ण खोजों की जानकारी प्राप्त करके अ-4 साइज़ पर चित्र चिपकाएँ और कक्षा में प्रस्तुत करें |

**व्याकरण- पाठ -31**

## **EVS**

### **1. ROOTS, SHOOTS AND FRUITS -**

- Parts of a Plant – Structure and their functions
- Plant Growth – Essential nutrients, water, and sunlight
- Pollination – How flowers attract insects for reproduction
- Plant Reproduction – Seeds, fruits, and the life cycle
- Seed Germination – Conditions needed for growth
- Seed Dispersal – How seeds spread through wind, water, and animals

### **2. CHAMPIONS FOR CHANGE -**

- Indian Government & Leadership – Structure, rules, and decision-making in governance
- Democracy & Elections – How India became the world's largest democracy
- Voting System – Age criteria, election process, and importance of voting
- Political Parties & Manifestos – How parties are formed and their role in governance
- Historical Movements – India's freedom struggle and fight for voting rights

### **3. LOOK HEAR! -**

- How human ears and eyes work
- The connection between sound and vibrations
- Whether sound can travel through different mediums
- Changing pitch and amplitude
- Materials that absorb sound
- How white light is made
- Similarities and differences between light and sound
- How and why shadows change.
- The effects of noise and light pollution
- Possible solutions pollution issues.

### **4. SPACE SCIENTIST -**

- Earth and Space Science – The structure of Earth, evidence that Earth is an oblate sphere, magnetism, and how Earth's atmosphere sustains life.
- Sun–Earth–Moon System – The relationship between the Sun, Earth, and Moon, including rotation, revolution, seasons, and the phases of the Moon.
- Planets and the Solar System – Characteristics of planets, similarities and differences between Earth and the Moon, and the Sun's energy and power.
- Space Exploration and Global Cooperation – The role of the International Space Station in scientific research and international collaboration.

- History of Astronomy – Early and modern theories of the solar system, key events in space exploration, and contributions of astronomers like Galileo Galilei and Nicolaus Copernicus.
- Constellations and Cultural Understanding – Study of constellations and the myths and stories connected to them across civilizations.

#### **4. WHAT A WONDERFUL WORLD -**

- Understanding different biomes and environments around the world and how climate influences them.
- Learning to interpret various types of maps to gather and analyze geographical information.
- Exploring the layers of the Earth and the natural forces that shape and transform its surface.
- Examining extreme weather events, natural disasters, and their impact on people and places.
- Studying geographical landforms, soil erosion, and how human activities alter the environment.
- Investigating and classifying soils and rocks based on their properties and formation.
- Understanding variations in daylight hours, measuring cloud cover, and observing the phases of the Moon.
- Analyzing climate change, environmental challenges, and how interactions between neighboring countries can create global issues.

# Computer Science

## **April'26**

### **Journey of computing**

- Timeline of computers
- Computer memory
- Memory measurement

#### **Lab Session-**

- Make a computer memory diagram on Ms word
- Make a chart on generation of computer on Ms Word

## **May'26**

### **Dig deep into M S Word**

- Inserting shapes /pictures
- Inserting word art /table
- Mail merge

#### **Lab Session**

- Write your favourite story in M S Word.
- Create a Certificate for sports Day in M S Word.
- Create a Digital Poster for Earth Day in M S Word.

## **July'26**

### **Learning flowchart and algorithm**

- Steps to write an algorithm
- Flow chart
- Mind maps

#### **Lab Session**

- Create your school Mind map on M S Word.
- Create a Mind map on “my favourite Subject on Ms Word.

## **August'26**

### **Programming with Scratch 3**

- Sensing blocks
- Variables
- Operators
- Video sensing
- Text to speech

#### **Lab Session**

- Create a program using operators on Scratch 3.
- Create a script using video sensing
- Create an animated story using text to speech block on Scratch 3.

## **September'26**

### **Adding magic to power point slides**

- Inserting pictures
- Video clips in a slide
- Audio files in a slide
- Inserting charts/smart art
- Screen recording

#### **Lab Session**

- Create a presentation on the topic of “Unity in diversity”
- Create a presentation on “My favourite Teacher “

## **October'26**

### **The amazing world of generative AI**

- Generative of AI
- AI tools- chat GPT
- DALL –E
- Image studio
- Mubert

#### **Lab Session**

- Create a presentation on the topic “Generation of AI “
- Create a presentation on the topic “Popular Generative AI Tools “

## **November'26**

### **Getting started with M S Excel**

- Formatting a cell
- Editing a cell
- Inserting a cell
- Adjusting row /column

### **Lab Session**

- Create your class list with their contact no in Excel.
- Create Your Class Time Table in Excel.

## **December'26**

### **Getting started with M S Excel**

- Components of M S Excel
- Data and its type
- Formulas
- Calculation in a Worksheet

### **Lab Session**

- Create your class mark sheet on M S Excel.
- Create score board (any sport) on Ms Excel.

## **January'27**

### **Navigating a Web Safety**

- Internet Terminologies
- Searching Online
- Beware of online Traps

### **Lab Session**

- Create catchy slogans to remind people about Internet Safety on Power point
- Create a timeline of the Internet on Ms Power Point.

## **February'27**

### **Exploring the amazing world of AI**

- Explanation of AI
- AI super learning

### **Lab Session**

- Create a poster on AI devices

- Create a poster on “Being a responsible AI user “

## **March'27**

- Revision of all concepts
- Computer Quiz
- Revision Worksheet