

## Summer Fun Learning - 30 Day Plan for Class-7

Name: \_\_\_\_\_

MAX MARKS: 20

### Instructions for Parents/Guardians:

- This is a flexible 30-day plan. Adjust activities based on your child's interests and learning pace.
- Encourage your child to complete one or two activities daily to maintain a balance between learning and fun.
- Provide support and encouragement, fostering independence in their work.
- Celebrate their learning journey throughout the summer!

### Day 1: English - Subject-Verb Agreement

- Write ten sentences, ensuring correct subject-verb agreement. Underline the subject and the verb in each sentence.

### Day 2: Math – Integers:

- Write following numbers in both Hindu Arabic and international system.
  - 1925376, 102543228, 723540125
- Multiply using quick method
  - $118 \times 50$ ,  $68 \times 25$ ,  $504 \times 125$ ,  $125 \times 32 \times 9$

### Day 3: Hindi - संधि (Sandhi) - स्वर संधि (Swar Sandhi)

- स्वर संधि की परिभाषा और उसके प्रमुख भेदों (दीर्घ, गुण, वृद्धि) के दो-दो उदाहरण लिखिए।

### Day 4: Science - Nutrition in Plants

- Explain the process of photosynthesis with a well-labeled diagram.
- Differentiate between autotrophs and heterotrophs with examples.

### Day 5: Social Studies - Tracing Changes through a Thousand Years

- Write a short note on the major social and political changes that occurred in India between the 7th and 12th centuries.

### Day 6: Computer – more about computing

- Explain Binary Number System and Decimal Number System.
- Computer Arithmetic: Do any five-five questions based on binary addition, subtraction.

### Day 7: Craft - Creating a Terrarium (Small Ecosystem)

- Create a small terrarium using a glass jar, soil, pebbles, and small plants. Observe and document the changes over a week.

### **Day 8: English - Tenses - Simple Present and Present Continuous**

- Write five sentences in the simple present tense and five sentences in the present continuous tense, describing your daily activities and what you are doing now.

### **Day 9: Math - Fractions and Decimals**

- Solve:
  - $43+65=?$
  - $2.75\times 3.2=?$
  - $15.75\div 2.5=?$

### **Day 10: Hindi - संधि (Sandhi) - व्यंजन संधि (Vyanjan Sandhi)**

- व्यंजन संधि की परिभाषा और उसके दो प्रमुख नियमों के एक-एक उदाहरण लिखिए।

### **Day 11: Science - Nutrition in Animals**

- Describe the process of digestion in humans with a flowchart or diagram.
- What are the different types of teeth and their functions?

### **Day 12: Social Studies - New Kings and Kingdoms**

- Write a brief note on the Chola dynasty and their contributions.
- Discuss the importance of land grants during this period.

### **Day 13: Computer - Introduction to Word Processing Software (Advance Excel)**

- Explain formation Data, table and Data validation.

### **Day 14: Craft - Fabric Painting**

- Learn a simple fabric painting technique and create a design on a piece of cloth (e.g., a t-shirt, a handkerchief).

### **Day 15: English - Tenses - Simple Past and Past Continuous**

- Write a short story (around 100 words) using both the simple past and past continuous tenses. Underline the verbs in each tense.

### **Day 16: Math – Arithmetic Expression:**

- $12\times 5+48-3\times 13$
- $33\times 5+33\times 11-33\times 7$
- $180-(29-11)+(40-13)$

### **Day 17: Hindi - समास (Samas) - अव्ययीभाव और तत्पुरुष समास**

- अव्ययीभाव और तत्पुरुष समास की परिभाषा और दो-दो उदाहरण लिखिए।

### Day 18: Science - Fibre to Fabric

- Describe the process of obtaining wool from sheep.
- Differentiate between natural and synthetic fibres with examples.

### Day 19: Social Studies - The Delhi Sultans

- Write a short note on the reign of any one ruler of the Delhi Sultanate.
- Discuss the impact of the Delhi Sultanate on Indian culture.

### Day 20: Computer - Working with Spreadsheets (Introduction)

- What is a spreadsheet? Name two popular spreadsheet software.
- Explain the terms: cell, row, column, worksheet, workbook in the context of spreadsheets.

### Day 21: Craft - Making a Wind Chime with Recycled Materials

- Use recycled materials like old CDs, plastic bottles, or metal pieces to create a decorative wind chime.

### Day 22: English - Prepositions

- Fill in the blanks with appropriate prepositions:
  - The cat jumped \_\_\_\_\_ the table.
  - The book is \_\_\_\_\_ the bag.
  - He is standing \_\_\_\_\_ the two trees.

### Day 23: Math - Algebraic Expressions:

- Define variables, constants, and algebraic expressions with examples.
- Simplify the expression:  $3x+2y-x+5y-4$ .

### Day 24: Hindi - समास (Samas) - कर्मधारय और द्विगु समास

- कर्मधारय और द्विगु समास की परिभाषा और दो-दो उदाहरण लिखिए।

### Day 25: Science - Acids, Bases and Salts:

- Define acids, bases, and salts with examples from your kitchen or surroundings.
- Describe a simple experiment to test for acidity or basicity.

### Day 26: Social Studies - The Mughal Empire

- Write a brief note on the reign of Akbar and his policies.
- Discuss the architecture of the Mughal period.

### **Day 27: Computer - Basic Formulas and Functions in Spreadsheets**

- Learn and write about the usage of the SUM and AVERAGE functions in a spreadsheet with simple examples.

### **Day 28: Craft - Creating a Miniature Garden (Tabletop)**

- Create a miniature garden in a shallow dish or tray using small plants, pebbles, and decorative items.

### **Day 29: English - Conjunctions**

- Join the following pairs of sentences using suitable conjunctions:
  - She is intelligent. She is hardworking.
  - We went to the park. It started raining.
  - He likes tea. He also likes coffee.

### **Day 30: Math – Arithmetic Expression:**

- Write 4 properties of Arithmetic Expression giving one example of each?
- Explain tenth part of a number with five examples.

### **Bonus Activities (Do anytime you like!):**

- Read novels, short stories, and articles in English and Hindi.
- Help with household chores and learn new skills.
- Play outdoor games and participate in physical activities.
- Write a diary entry every day in either English or Hindi.
- Research and write a short report on a topic of interest from Science or Social Studies.
- Explore educational websites and apps related to different subjects (with adult supervision).
- Learn a new form of art or craft.

**Last date for submission of assignment is 26.06.2026**