

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

- Solve the following:
 - $(-15) + (+8) - (-3) + (-10) = ?$
 - $(-12) \times (+5) \div (-2) = ?$
- Write three real-life applications of integers.

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: 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:
 - $43+65=?$
 - $2.75\times3.2=?$
 - $15.75\div2.5=?$

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 - Rational Numbers

- Define rational numbers with examples.
- Represent $\frac{5}{3}$ and $\frac{4}{7}$ on a number line.
- Compare the rational numbers: $\frac{3}{2}$ and $\frac{5}{4}$.

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 - Simple Equations

- Solve the following equations:
 - $x+5=12$
 - $2y-3=7$
 - $4z=6$

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 26.06.2025