



SUBODH PUBLIC SCHOOL, NEAR AIRPORT, SANGANER, JAIPUR  
SESSION: 2026 - 2027  
CLASS- VIII



# *Holiday Assignment*

Dear Students and Parents,

Summer vacations are a time to relax, refresh, and reconnect with the joys of learning beyond the classroom. They provide children with the opportunity to explore their creativity, discover new interests, and spend valuable time with their families.

Keeping this spirit in mind, the Holiday Homework has been thoughtfully designed to blend learning with fun. The activities aim to encourage imagination, observation, communication skills, and hands-on experiences in an enjoyable and stress-free manner.

We request parents to support and guide their children while allowing them to complete the work independently and creatively. Let this holiday be filled with happy memories, meaningful learning, and joyful moments together.

Wishing you all a safe, happy, and productive summer vacation!

**Instructions:**

- Students must complete only the activity assigned to their respective roll number group. Kindly check your roll number carefully before starting the assignment.
- All work should be done neatly and creatively on the prescribed sheets/files with proper headings, presentation, and decoration wherever required.
- Students are encouraged to complete the assignments independently and submit them on time while maintaining cleanliness and originality in their work.

## **ENGLISH**

**Roll No. 1-11: "Letter Lab"**

**🎯 Theme: Express, Connect, and Imagine through Letters**

**📝 Task**

**Write 3 letters in a neat handwriting**

**✉ 1. Letter to Your Future Self (10 Years Later)**

## Include:

- Your goals and dreams
- The person you want to become

Questions/advice for your future self

☞ Use informal tone

## 📝 2. Letter to a Fictional Character

### Include:

- Why you like the character
- Questions or advice
- Your opinion about their story

## 🌍 3. Letter to Your Favourite Place

### Include:

- Why the place is special
- Your memories and feelings
- Why you miss/value it

## 📝 Format (for all letters)

- Address, Date
- Greetings (Dear...)
- Body (2-3 paragraphs)
- Closing & Name

## ★ Submission

- Handwritten work (Use A4 size sheets plain/ruled/coloured)
- Mention Name, Class, Roll No.
- Original work only

Write in a friendly and emotional tone (informal letter style)

★ Roll No. 12-22: "Story Weaver" ☐☐



## 🎯 Theme: Imagination, Creativity, and Storytelling

### 📄 Task Overview

Students will create original stories using imagination and creative thinking.

### 🔍 TASK DETAILS 📄

#### 1. Twist the Tale

Choose any one well-known story or fairy tale

(Cinderella, Snow White, The Lion and the Mouse, etc.)

Rewrite the story with:

- 📄 A different ending
- 📄 A new character OR
- 📄 surprising twist
- 📄 Make the story more interesting and creative.
- 📄 Create an alternative title for your story
- 📄 Write a moral/message from your story

#### 📌 Submission

- Handwritten work (Use A4 size sheets plain/ruled/coloured)
- Mention Name, Class, Roll No.
- Original work only

👥 Roll No. 23- to last Roll No. "Expression Experts"

🎯 Focus: Emotional expression, vocabulary, and creative writing ✨

### Task Overview

You will explore 5 different emotions and express each one through creative and meaningful writing.

📄 Step 1: Choose 5 Emotions



You may select from the list below or choose your own:

- Happiness 😊
- Sadness 😞
- Anger 😡
- Fear 😨
- Excitement 🤩
- Loneliness 😞
- Hope 🌟
- Pride 😏
- Confusion 😵
- Gratitude 🙏



✍ Step 2: Express Each Emotion (2-3 lines each)

For each emotion, write:

- 2-3 expressive lines
- Use descriptive language (adjectives, imagery, feelings)
- Avoid simple sentences like “I am happy” — show the emotion instead

💡 Example

😊 Happiness

The sunlight danced on my face as laughter filled the air.  
In that moment, everything felt light, as if worries had melted away.

😞 Sadness

The room felt heavier than usual, and silence echoed loudly around me.  
Tears slipped quietly, carrying words I couldn't say aloud.

🎨 Step 3: Creative Presentation

Make your work visually expressive:

- Draw small symbols (😊😞😡) beside each emotion
- Use colours to match emotions
  - Yellow → happiness
  - Blue → sadness
  - Red → anger
- Add borders, patterns, or light sketches

Choose one emotion and:

- Write a short real-life situation (4-5 lines) where you felt it  
OR
- Write a mini poem (4 lines) based on that emotion

★ Guidelines

- Write neatly on A4 size sheets
- Use original ideas (no copying)
- Focus on expression, not just sentences
- Try to use new vocabulary

**HINDI**

ROLL NO. 1-10

शीर्षक : जीवन कौशल चुनौती - (लाइफ स्किल चैलेंज)

वृद्धाश्रम में कुछ समय बिताएँ :

अपने आस-पास स्थित किसी ओल्ड एज होम (वृद्धाश्रम) का भ्रमण करें। वहाँ किसी एक वृद्ध पुरुष और एक वृद्ध महिला से विनम्रतापूर्वक बातचीत करें। उनके साथ सैल्फ़ी लें। उनके दैनिक जीवन तथा जीवन के अनुभवों को समझें निम्नलिखित जानकारी एकत्र करें-

\*उनका परिचय (नाम, उम्र, शिक्षा आदि )

\*दैनिकचर्या(दिनभर के काम)

\*जीवन के प्रमुख अनुभव(कोई घटना)

\*उनके विचार/सीख

किताबों से बाहर की असली सीख जैसे

ज़िम्मेदारी और संवेदनशीलता विकसित करते हुए उनसे बातचीत से प्राप्त प्रेरणा के आधार पर निम्नलिखित बिंदुओं को ध्यान में रखते हुए आकर्षक रूप से फाइल में लिखें।

ROLL NO. 11-20

शीर्षक : एक दिन – एक खोज (Discovery Journal)

जिज्ञासा और निरंतर सीखने की आदत

को बनाए रखने के लिए सात दिनों तक

हर दिन कुछ नया सीखिए-

\*एक नया शब्द



\*एक रोचक तथ्य

\*एक नई जगह

\*एक नए पौधे या वृक्ष

\*एक नए व्यक्ति से मुलाकात

\*एक अविस्मरणीय घटना

\*एक नई कविता या कहानी

\*एक नई कला आदि के विषय में

अपने अनुभव फाइल में तालिका बनाकर लिखिए, साथ ही संबंधित चित्र/कटिंग लगाइए।

**ROLL NO. 21-30**

**शीर्षक : समस्या से समाधान (Think & Solve)**

समाज के प्रति अपने कर्तव्य को जानिए, अपनी कॉलोनी या अपने आसपास के क्षेत्र की कोई एक समस्या चुनिए जैसे -

\*पड़ोस का झगड़ा

\*कार पार्किंग

\*पानी की बर्बादी

\*कचरे का ढेर

\*आवारा पशुओं का घूमना और

कारण और समाधान की तालिका बनाकर फाइल में लिखिए ।

**ROLL NO. 31-40**

**शीर्षक : ज्ञान का खज़ाना – DIY गेम बनाएँ**

खुद का बोर्ड गेम / क्विज़ गेम बनाने के लिए व्याकरण के

\*वर्ण विचार (विभिन्न वर्णों से बनने वाले या विभिन्न ध्वनियों और चिह्नों वाले शब्द)

\*शब्द विचार-(रूढ़, यौगिक, योगारूढ़, तत्सम, तद्भव शब्द) या

\*मुहावरों से

तार्किक सोच और डिजाइनिंग कौशल का प्रयोग कीजिए। क्विज़ के नियम और खेलने की विधि भी लिखिए।

## FRENCH

Roll No - 1-10

Dessine et Décrit (Draw and Describe)

 Draw a picture of your favorite holiday moment.

Write 8-10 lines in French describing it:

Où es-tu ? (Where are you?)

Avec qui ? (With whom?)

Que fais-tu ? (What are you doing?)

Roll No - 11- 20

Ma Nourriture Préférée (My Favorite Food)

 Choose your favorite dish and write:

Name of the dish (in French if possible)

Ingredients (at least 5)

Why you like it

Write 8-10 lines in French

Roll No -21-30

Dialogue Créatif (Creative Dialogue)

 Write a short conversation (10-12 lines) between:

You and your friend meeting after holidays

Include:



**Greetings**

**Asking about holidays**

**Sharing experiences**

**💡 Use:**

**Bonjour ! Comment ça va ?**

**Qu'est-ce que tu as fait ?**

**Roll No - 21-31**

**Create a French Magazine Page**

**✂️ Design a 1-page magazine in French**

**Include:**

**Title**

**One article (60-80 words)**

**Images/drawings**

**A small advertisement**

**💡 Topic ideas:**

**Travel**

**Fashion**

**Food**

**SANSKRIT**

**Roll number 1-11**

**सुभाषित लेखन एवं सजावट**

**1.A4 शीट पर 5 सुभाषित लिखकर सजाइए।**

**A4 शीट पर 5 परोपकार आधारित लिखकर सजाइए।**

**उदाहरण:**

उद्यमेन हि सिध्यन्ति कार्याणि।

प्रत्येक का हिंदी अर्थ भी लिखे

\*धातुरूप एवं शब्दरूप याद करें

Roll number 12 to 22

मेरा परिवार / विद्यालय परियोजना

मम परिवार अथवा उद्यानम् का चित्र बनाकर संस्कृत में 8 वाक्य लिखिए।

उदाहरण:

मम परिवारः विशालः अस्ति।

शब्द रूप धातु रूप याद करें

Roll number 23 to 35

संस्कृत सूक्ति-वृक्ष (Sanskrit Quote Tree)



गत्ते का उपयोग करके एक छोटा पेड़ बनाएँ। उस पर रंगीन कागज (जो पुराने अखबार/पत्रिका से बने हों) पर सुविचार (Quotes) लिखकर चिपकाएँ।

उदाहरण सुविचारः आलस्यं हि मनुष्याणां शरीरस्थो महान् रिपुः। (आलस्य मनुष्य का सबसे बड़ा दुश्मन है)

अलसस्य कुतो विद्या, अविद्यस्य कुतो धनम्। (आलसी को विद्या कहाँ, बिना विद्या के धन कहाँ)

इसी प्रकार के श्लोक लिखिए।

शब्द रूप धातु रूप याद करें

## MATHEMATICS

1. Take any 4 consecutive numbers. For example 5, 6, 7 and 8. Place '+' and '-' signs in between the numbers. How many different possibilities exist? Write all of them. Evaluate each expression and write the result next to it. What do you observe?

2. Using our understanding of how parity behaves under different operations, identify which of the following algebraic expressions give an even number for any integer values for the letter - numbers. (i)  $4a+2b$  (ii)  $5c+7d$  (iii)  $4m$  (iv)  $x^3 + 1$  (v)  $3 \times 4k^3$ .

For each statement below, determine whether it is always true, sometimes true or never true. Explain your answer. Justify your claim using algebra.

- (i) The sum of two even numbers is a multiple of 5.
  - (ii) If a number is divisible by 18, then it is also divisible by 6.
  - (iii) The sum of a multiple of 5 and a multiple of 6 is a multiple of 11.
  - (iv) The sum of a multiple of 4 and a multiple of 6 is a multiple of 2.
  - (v) Sum of an odd number and an even number is a multiple of 8.
4. Find three numbers that has a remainder of 4 when divided by 7. Write algebraic expression for the same.
5. When divided by 5, the number 483 leaves a remainder of 3, and 5679 leaves a remainder 4. Without calculating, find the remainder of the following expressions. Show the solution algebraically. (i)  $5679+483$  (ii)  $5679 - 483$
6. How many multiples of 6 are there between the numbers 700 and 800.
7. Find the digital roots of 5 consecutive 3-digit numbers that are 2 more than a multiple of 7. What do you notice?
8. If a, b and c are three digits of a three-digit number, prove that  $abc + cab + bca$  is a multiple of 37.
9. Find the side of a cubical box whose volume is  $1728 \text{ cm}^3$ .
10. Express 196 as the sum of 14 odd consecutive numbers.
11. 5625 persons are sitting in a theatre in such a manner that there are as many as persons in a row as there are rows in theatre. How many rows are there in the theatre?
12. Is 100 a perfect cube? If not, then find the smallest number by which it is multiplied to get a perfect cube.
13. Rohini makes a cuboid of sides 7 cm, 3 cm and 7 cm. how many such cuboids will she need to form a cube?
14. Find cube root of : (a) 46656 (b) 74088
15. Find square root of : (a) 11025 (b) 298116
16. Observe the following pattern and find the missing number:
- |      |   |       |
|------|---|-------|
| 112  | = | 121   |
| 1012 | = | 10201 |

$$\begin{array}{rcl}
 101012 & = & 102030201 \\
 10101012 & = & \underline{\hspace{2cm}} \\
 \underline{\hspace{2cm}} & = & 10203040504030201
 \end{array}$$

17. If  $4x7y$  is divisible by 36, what are the possible pairs for  $x$  and  $y$ ?

- (a) (1,8)      (b) (2,4)      (c) (1,6)      (d) (3,9)

18. A number leaves a remainder of 5 when divided by 7 and a remainder of 2 when divided by 9. Which of the following could be?

- (a) 39      (b) 47      (c) 53      (d) 61

19. If a number has 2 or 2 at its unit's place, then its square would end in

- (a) 2      (b) 4      (c) 8      (d) 16

20. The maximum number of digits in the cube root of a six-digit number is

- (a) 1      (b) 3      (c) 2      (d) 6

### SCIENCE

Roll No: 1-11

#### 1. Biodiversity Hunt

**Task:** Observe birds, insects, and plants around your home.

**Create:**

\* A "Nature Album" with names and roles of these diverse living beings in ecosystem.

\* Draw a pictorial Food chain.

**Material-** Use a scrap Book and make the album using colours, pictures and creatives.



Roll No. 12-22

#### 2. Eco-Interview Project

**Task:** Interview your grandparents/elders on "How environment was different in their childhood."

**Compare on the basis of-**

- \* Temperature**
- \* Rain Pattern**
- \* Availability of food resources**
- \* Use of chemicals**
- \* Garbage production and management.**

**Learning: Human impact on environment.**

**Use A- 4 size sheets to make this project, use real life pictures and facts related to the project, use colours and creativity to make the project.**

**Roll No: 33 to last Roll No.**

### **3.Green Recipe Book: Eat Healthy, Save Earth**

**Task:**

**Create your own Green Recipe Book with 5 environmentally friendly recipies:**

**✓ Use:**

**Local fruits and vegetables**

**Seasonal produce**

**Millets, pulses, grains**

**Homemade ingredients**

**Each Recipe Page Should Include:**

**1 Recipe Name**

**Example: Bajra Veggie Bowl**

**2 Ingredients List**

**Mention local/seasonal ingredients.**

**3 Method of Preparation**

**Simple step-by-step process.**

#### 4 Environmental Benefit

Example:

“Bajra uses less water than rice and is better for dry climates.”

#### 5 Nutrition Value

Example: Rich in fiber, vitamins, iron.

#### 6 Creative Element

Drawings/photos/slogan.

### SOCIAL SCIENCE

Roll No. 1-11

Topic: Renewable Resources – Solar Energy

A -Mark the following major solar power plants of India on a Political Map:

Bhadla Solar Park (Rajasthan)

Pavagada Solar Park (Karnataka)

Kamuthi Solar Power Project (Tamil Nadu)

Charanka Solar Park (Gujarat)



☞ Use different symbols or colors to highlight each location.

B - Prepare a file showcasing the following topics:-

\* Uses of Solar Energy

\* Advantages of Solar Energy

\* Disadvantages of Solar Energy

**Roll No. 21-22**

**Topic: Renewable Resources – Wind Energy**

**A - Mark the following major wind energy sites of India, on a Political Map:**

**Muppandal Wind Farm (Tamil Nadu)**

**Jaisalmer Wind Park (Rajasthan)**

**Kutch Wind Farms (Gujarat)**

**Satara Wind Farm (Maharashtra)**

☞ Use symbols like small windmills or arrows to show locations clearly.

**B: Prepare a file showcasing the following topics:-**

**\* Uses of Wind Energy**

**\* Advantages of Wind Energy**

**\* Disadvantages of Wind Energy**

**Roll No. 23- last Roll No.**

**Topic: Non-Renewable Resources – Coal and Petroleum**

**A Mark the following locations of India on a Political Map:**

**Coal Fields in India**

**Jharia (Jharkhand)**

**Raniganj (West Bengal)**

**Bokaro (Jharkhand)**

**Talcher (Odisha)**

**Petroleum Fields in India**

**Digboi (Assam)**

**Mumbai High (offshore area near Maharashtra)**

**Ankleshwar (Gujarat)**

**Krishna-Godavari Basin (Andhra Pradesh)**

☞ **Use different symbols:**

☐ **for coal fields**

☐ **for petroleum fields**

**B Prepare a file showcasing the following topics:-**

**\* Uses of Solar Coal and Petroleum**

**\* Advantages of Coal and Petroleum**

**\* Disadvantages of Coal and Petroleum**

## **COMPUTER**

**Assignment 1: The Digital Director**

**Note: (Send your assignment on email id -  
holidayassignment78@gmail.com**

**Theme:**

- **My School Life (Roll No. 1-10)**
- **Nature (Roll No. 11-20)**
- **Holiday Memories (Roll No. 21-30)**
- **Save the Environment (Roll No. 31-40)**

**Part A: Practical Video Project**

**Using video editing software (like OpenShot, CapCut, VN Video Editor, and InShot), create a 1-2 minute MP4 video.**

**Media Assets: Gather 5-8 high-quality photos/videos and 1 relevant audio track.**

**Production: Arrange clips on the timeline and enhance them with transitions, effects, text overlays, and emojis.**

**Final Step: Preview your work for smooth pacing and export it as an MP4 file.**

**Part B: Technical Theory Note: (Do Assignment in your Notebook)**

**Answer the following in your own words:**

**1) Define video editing and the specific role of the Timeline.**



- 2) List four key features of OpenShot.
- 3) Clearly define Transitions, Effects, and Titles.
- 4) Outline the step-by-step process for adding text to a video project.

### Assignment 2: AI Future-Thinking

Note: (Compulsory for all & do Assignment in your Notebook)

**Q. A: The "Smart-Farm" Robot** Imagine you are an AI engineer designing a robot for modern agriculture to monitor soil health or automate farming.

- **Task:** Describe four specific functionalities (e.g., thermal imaging for pest detection) and explain how each provides a direct benefit to the farmer.

**Q. B: AI in Medical Diagnostics Research** how AI improves diagnostic accuracy and predicts patient outcomes.

- **Task:** Write a 200–300 word essay discussing two major benefits (e.g., speed of diagnosis) and two significant challenges (e.g., data privacy or algorithmic bias).

