

**PM SHRI KENDRIYA VIDYALAYA PERAMBALUR  
SUMMER HOLIDAYS HOMEWORK-CLASS VIII  
ENGLISH**

**Read & Reflect (Reading + Response)**

Choose one book from the list (or any age-appropriate English novel):

- Wonder by R.J. Palacio
- Holes by Louis Sachar
- The Boy in the Striped Pajamas by John Boyne
- Coraline by Neil Gaiman

Tasks:

Write a short summary (in your own words).

Choose a character you relate to—and write a letter to them.

List 5 new words you learned and use them in your own sentences.

**Vocabulary Jar**

Collect 30 new words during the holidays (1 per day).

Write their meanings, and use each in an original sentence. Decorate the “jar” with doodles!

**HINDI**

1. दस स्त्रीलिंग एवं दस पुल्लिंग शब्दों को अलग अलग लिखिए।
2. निम्न शब्दों के तीन पर्यायवाची लिखिए -  
पानी, आग , वायु , पृथ्वी, आकाश
3. 15 ऐसे शब्द लिखिए जिनका एकवचन और बहुवचन समान होता है।
4. गर्मियों की छुट्टी में आप क्या करेंगे, इसके बारे में 50 शब्दों में लिखिए।
5. कारक , विभक्ति सहित याद कीजिए।
6. नई पाठ्यपुस्तक खरीद कर उसके पहले दो पाठ खुद पढ़िए।
7. अपनी इच्छा से किसी विषय पर एक कविता लिखिए।

**SANSKRIT**

1. सुभाषितानि (Any 10 sloka and meaning )
2. मम विद्यालयः (15 sentence)
3. संख्या (1-100)
4. शब्दरूपाणि (राम, रमा)
5. धातुरूपाणि (भू, खाद्)

## MATHEMATICS

### Instructions for Submission:

- Use Homework notes for solving and don't write solutions from the google/internet.
- Submission Date: First day after summer vacation.
- All work must be handwritten.
- Marks will be awarded for neatness, completeness, and creativity.
- If any question is not clear, students can leave that question or ask me on WhatsApp.

### VERY VERY IMPORTANT :

- **Learn all the square till 25**
- **learn all the cubes till 12**
- **learn all the tables till 25**

1. Find quick ways to calculate these products:

(a)  $2 \times 1768 \times 50$

(b)  $72 \times 125$  [Hint:  $125 = 1000 \div 8$  ]

(c)  $125 \times 40 \times 8 \times 25$

2. Calculate these products quickly.

(a)  $25 \times 12 =$  \_\_\_\_\_

(b)  $25 \times 240 =$  \_\_\_\_\_

(c)  $250 \times 120 =$  \_\_\_\_\_

3. Find the values of the following expressions by writing the terms in each case.

(a)  $28 - 7 + 8$

(b)  $39 - 2 \times 6 + 11$

(c)  $40 - 10 + 10 + 10$

4. Make a place value table similar to the one above. Write each quantity in decimal form and in terms of place value, and read the number:

(a) 2 ones, 3 tenths and 5 hundredths

(b) 1 ten and 5 tenths

(c) 4 ones and 6 hundredths

5. Add the expressions given below:
- (a)  $4d - 7c + 9$  and  $8c - 11 + 9d$
  - (b)  $-6f + 19 - 8s$  and  $-23 + 13f + 12s$
  - (c)  $8d - 14c + 9$  and  $16c - (11 + 9d)$
  - (d)  $6f - 20 + 8s$  and  $23 - 13f - 12s$
6. Create word problems from real life situations and express those using algebraic expressions.
7. Create a board game where moving forward or backward depends on adding or subtracting integers.
8. Create a weekly grocery list , calculate the total cost, apply discounts and show savings.

## SCIENCE

### A) MDP – MULTI DISCIPLINARY PROJECT

#### TITLE: - COMPONENTS OF FOOD.

- a. Some common meals of different regions/states.
- b. Draw /paste images of source of nutrients such as proteins, fats, carbohydrates, minerals etc.
- c. Prepare a diet chart to provide balance diet to a twelve-year-old child. The diet chart should include food items which are not expensive and are commonly available in your area.

#### B. Subject enrichment activity:

- 1. Make or draw water cycle.
- 2. Draw or paste different types of plants.
- 3. Paste pictures of various techniques of separation such as filtration, winnowing, threshing, picking up by hand etc.
- 4. Make a model on solar system.
- 5. Draw the chart on the process of seed germination, and germinate some seeds at home.
- 6. Write the various ways of water uses in our daily life.

#### C. Art integrated project: Make post card on state: Jammu and Kashmir of the following with a brief write up (30 words each)

- 1. State flower    2. State    3. State fruit

## **SOCIAL**

1. Map Activity 1 India States, Capitals and Union territories (Use India political map to mark)
2. Map Activity 2--Oceans and Continents (Use World Outline map)
3. MDP: Water Conservation
4. Write about the types of farming (2 pages Use A4 sheet to write).

## **ARTIFICIAL INTELLIGENCE**

1. Create a poster on how Artificial Intelligence can be used for good (e.g., solving environmental problems, healthcare improvements).

Include:

- A catchy slogan (e.g., "AI for a Better Tomorrow!")
- 3 ways AI can help solve global issues

2. Research how AI is being used in education and write a case study (150-200 words).

Discuss:

- Examples of AI-powered tools for students and teachers (e.g., personalized learning platforms, smart tutors)
- How AI makes learning more efficient
- Challenges and concerns about using AI in education

## **ART**

1. Make 2 different geometrical form & poses of human figures With the help of waste news papers. For examples some links are given below.

[https://youtu.be/JOrfO\\_graE?si=ug2XTG5BupqDHA0V](https://youtu.be/JOrfO_graE?si=ug2XTG5BupqDHA0V)

[https://youtu.be/xz\\_xJriBQvw?si=Z14qOCOLSGx-120V](https://youtu.be/xz_xJriBQvw?si=Z14qOCOLSGx-120V)

2. Draw a standing figure starting from the head. Draw the other parts of the body in proportion to the head (based on your measurements).

Add facial features, clothes and accessories.