

## **English Summer Holiday Homework for Class 7 (Section-B)**

**Subject Teacher – Koj Yami (TGT English)**

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### **Class 7 - English**

1. Write a diary entry about a memorable day during your holidays.
  2. Read a short story by Ruskin Bond or Enid Blyton and write a character sketch of the main character.
  3. Prepare a small script for a 2-character dialogue set in your favorite holiday spot.
  4. Write a letter to your friend describing a recent trip you went on. Mention the place, what you did there, and how you felt about the experience.
  5. Choose a poem from your textbook and explain its central theme in your own words.
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# **PM SHRI KENDRIYA VIDYALAYA SURANUSSI**

## **HOLIDAY HOMEWORK (SUMMER VACATION)**

### **Subject: Vocational Education (Class 7)**

#### **ACTIVITY NO. 1**

**Theme: My Mini Kitchen Garden Project**

**1. Set Up a Mini Kitchen Garden:**

- Use any 3–5 recycled containers like old bottles, cans, pots, or trays.
- Fill them with soil and select easy-to-grow plants such as:
  - Coriander (dhania)
  - Fenugreek (methi)
  - Mint (pudina)
  - Tomato
  - Chili
  - Spinach (palak)

**2. Plant the Seeds or Saplings:**

- Sow the seeds and water them regularly.
- Place the containers in a sunny spot (balcony, window, rooftop, etc.).

**3. Maintain a Weekly Garden Journal:**

For 4–6 weeks, students will write or draw:

- Date of planting
- Daily watering and sunlight record
- Germination progress
- Changes in plant size or leaves
- Any insects or birds observed

**4. Take Photographs (optional):**

- Take weekly photos of your plants and stick them in the journal.

**5. Eco-friendly Tips:**

- Use kitchen waste as compost (banana peels, tea leaves, etc.).
- Avoid plastic containers where possible.

#### **Submission Format:**

- A handwritten/drawn garden journal or diary.
- 4–5 photos or drawings of the plants.
- 1 paragraph on “**What I learned from my Kitchen Garden**”.

#### **ACTIVITY NO. 2**

**Theme: Make a Health Card of Your Family**

- **Create a Health Card for Each Family Member (Minimum 3–4 people):**

For each member, include the following details:

1. **Full Name**
2. **Age and Gender**
3. **Blood Group** (if known)
4. **Height and Weight**
5. **Allergies or Chronic Illnesses** (e.g., asthma, diabetes)
6. **Daily Habits** (water intake, sleep hours, exercise)

7. **Last Medical Check-up Date**
8. **Vaccinations (if applicable)**
9. **Emergency Contact Number**

### **Presentation Format:**

- Use a notebook or make a small file.
- Design one health card per page.
- Add **photos** of each family member (optional).
- Decorate neatly using borders, colors.

### **Hygiene & Safety Tips:**

- Encourage family members to share accurate information.
- Discuss any health concerns with parents or guardians.
- Maintain privacy; only include what is comfortable to share.

## ACTIVITY NO. 3

### **Theme: Design Your Own AI Assistant**

#### **Step 1: Learn About AI Assistants**

- What is Artificial Intelligence (AI)?
- Examples of AI assistants: **Alexa, Siri, Google Assistant**
- How they help people in daily life (setting reminders, playing music, answering questions, etc.)

#### **Step 2: Imagine Your Own AI Assistant**

Design your **own imaginary AI assistant** by answering the following questions:

- What is your AI assistant's **name**?
- What does it look like? (Draw or describe)
- What **features** or tasks can it do?
- Where would you use it? (home, school, bus, etc.)
- How does it help people?
- Is it voice-activated, screen-based, or wearable?

#### **Step 3: Make a Creative Poster or Booklet**

- Include:
  - A **drawing** or sketch of the AI assistant
  - A list of its features and uses
  - A short paragraph:  
↳ **“How My AI Assistant Will Help Me and Others”**

## ACTIVITY NO. 4

### Theme: Work with Machines and Materials

#### Step 1: Choose ONE Project from the List Below

1. **Electric Boat** – A small boat made using a motor, battery, and plastic tray.
2. **Mini Vacuum Cleaner** – Using a motor, fan blades (bottle cap), and container.
3. **Solar Cooker** – Using a cardboard box, foil, black paper, and cling film.
4. **Simple Projector** – Using a cardboard box, magnifying glass, and mobile phone.
5. **Light Lamp** – Using LED light, battery, switch, and a small container.

#### ✂ Step 2: Gather Materials

- Use **recycled and safe household items** (e.g., plastic bottles, boxes, old toys).
- Basic electronic parts: small **DC motor, LED, battery holder, wires, magnifying lens**, etc.
- Get help from parents/adults if needed.

#### 📷 Step 3: Build and Document Your Project

In a **project file or notebook**, include:

- Name of the model
- List of materials used
- Step-by-step process (with photos or hand-drawn diagrams)
- One paragraph on:
  - ☞ **“How My Model Works”**
  - ☞ **“What I Learned from Making It”**

#### 📖 Safety Tips:

- Use glue guns, cutters, or batteries **only under adult supervision**.
- Avoid water near wires or electronics.
- Do not plug anything into household electric sockets.



# PM SHRI KENDRIOYA VIDYALAYA SEONI

## Class 7 Mathematics Holiday Homework

(Summer Vacation 2025–26)

1. Cover Page Content:
2. PM SHRI KENDRIYA VIDYALAYA SEONI
3. HOLIDAY HOMEWORK (SUMMER VACATION 2025–26)
4. Class: VI | Subject: Mathematics
5. (Insert PM SHRI or KVS logo image here.)
6. Submitted by: \_\_\_\_\_
7. Roll No.: \_\_\_\_\_
8. Holiday Homework (inside pages):

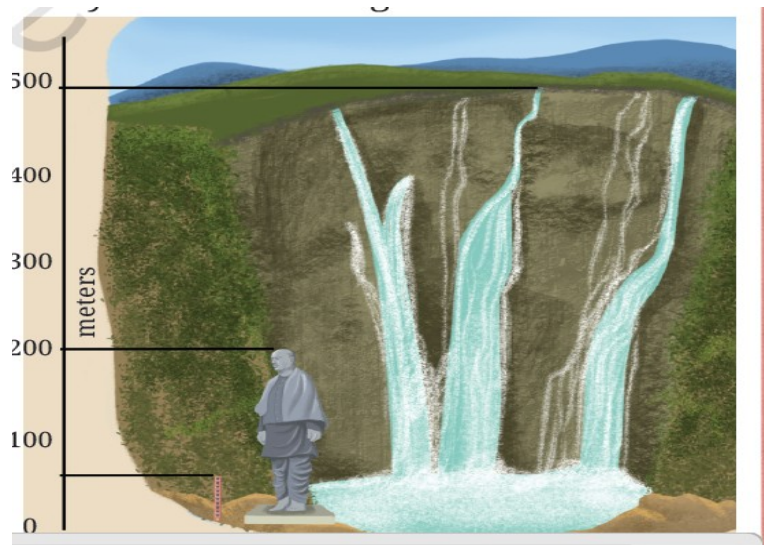
1. Look at the picture on the right. Somu is 1 metre tall. If each floor is about four times his height, what is the approximate height of the building?

Which is taller — The Statue of Unity or this building? How much taller? \_\_\_\_\_ m.

We can see that the height of the Statue of Unity is close to 4 times the height of Somu's building.

How much taller is the Kunchikal waterfall than Somu's building? \_\_\_\_\_ m.

How many floors should Somu's building have to be as high as the waterfall? \_\_\_\_\_ meters



2. Prepare a number system chart comparing Indian System and American system of Place values.

Indian System		American System	
1,000	One thousand	1,000	One thousand
10,000	Ten thousand	10,000	Ten thousand
1,00,000	One lakh	100,000	Hundred thousand
10,00,000	Ten lakhs	1,000,000	One million
1,00,00,000	One crore	10,000,000	Ten million
10,00,00,000	Ten crores	100,000,000	Hundred million
1,00,00,00,000	One arab or One hundred crores	1,000,000,000	One billion

Answer the following questions based on it:

- How many zeros does a thousand lakh have? \_\_\_\_\_
- How many zeros does a hundred thousand have? \_\_\_\_\_

The number 9876501234 can be easily read by placing commas first:

(a) 9,87,65,01,234 → 9 arab 87 crore 65 lakhs 1 thousand and 234  
or 987 crore 65 lakh 1 thousand 234 (in the Indian system).

(b) 9,876,501,234 → 9 billion 876 million 501 thousand 234 (in the American system).

- Read the following numbers in Indian place value notation and write their number names in both the Indian and American systems:

(a) 4050678 (b) 48121620

(c) 20022002 (d) 246813579

(e) 345000543 (f) 1020304050

### 3. Toothpick Digits

We can write digits as shown in the image below:



You can either use toothpicks or matchsticks, or just write the digits in this way, using lines to represent sticks.

To make the digit 7, three sticks are needed.

Write or make the number 5108. How many sticks are required?

- Make or write the number 42,019. It would require exactly 23 sticks.
- Starting with 42,019, add or write two more sticks, and make a bigger number. One example is 42,078. What other numbers bigger than 42,019 can you make in this way?
- Preetham wants to insert the digit '1' somewhere among the digits '4', '2', '0', '1' and '9'. Where should he place the digit '1' to get the biggest possible number?
- What other numbers can he make by placing the digit '1'?

### 4. Land of Tens

In the **Land of Tens**, there are special calculators with special buttons.

1. The **Thoughtful Thousands** only has a +1000 button. How many times should it be pressed to show:

(a) Three thousand? 3 times (b) 10,000? \_\_\_\_\_

(c) Fifty three thousand? \_\_\_\_\_ (d) 90,000? \_\_\_\_\_

(e) One Lakh? \_\_\_\_\_ (f) \_\_\_\_\_? 153 times

(g) How many thousands are required to make one lakh?

2. The **Tedious Tens** only has a +10 button. How many times should it be pressed to show:

(a) Five hundred? \_\_\_\_\_ (b) 780? \_\_\_\_\_

(c) 1000? \_\_\_\_\_ (d) 3700? \_\_\_\_\_

(e) 10,000? \_\_\_\_\_ (f) One lakh? \_\_\_\_\_

(g) \_\_\_\_\_? 435 times

### 5. Art Integrated Project (Any State Art + Maths)

Choose any Indian folk art (Warli, Madhubani, etc.) and show how lines, shapes, angles are used.

Please Note: Use A4 size ruled or blank sheets as per need. Punch them and tie them using a string. Also prepare a creative cover for your project (Do not use plastic covers)



कक्षा सप्तम VII संस्कृत।

प्रश्न

1. अधोलिखित शब्दानाम् शब्द रूपाणि लिखत  
कवि , भानु , नदी, वन , बालक।

प्रश्न 2. लट, लोट, लंग, विधिलिङ लकार प्रत्यय  
लिखित्वा हस, पत, चल, वद, गम धातु  
रूपाणि लिखत ।

प्रश्न 3. संधि परिभाषा लिखित्वा विसर्ग  
व्यंजनसंधि च

10 / 10 उदाहरण लिखत।

प्रश्न 4. को अपी सप्त उपसर्गा, त्रय प्रत्यय  
लिखित्वा

दो दो 2 / 2 उदाहरण लिखत।

प्रश्न 5. 1 से 50 तक संस्कृत संख्या लिखत।

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ग्रीष्मकालीन गृह कार्य

विषय हिंदी कक्षा सातवीं

- 1: आप ने अपना अवकाश किस प्रकार मनाया अपने अनुभव पर (अनुच्छेद) लिखाए ।
- 2: हिन्दी और संस्कृत , अंग्रेजी तीनों भाषाओं की छात्र प्रतिज्ञा याद की जिए ।
- 3: अपने विद्यालय के प्राचार्य को दो दिनों के अवकाश के लिए प्रार्थना पत्र लिखिए
- 4: आप पढ़ लिख कर क्या बनाना चाहते हैं हमारेजीवन के लिए पढ़ाई क्यों आवश्यक हैं?(अनुच्छेद लिखिए)

**PM SHRI KENDRIYA VIDYALAYA SEONI**  
**HOLIDAY HOMEWORK**  
**CLASS - 7 A + B SUBJECT - SCIENCE**

**A. Written work ( in notebook)**

- 1. Write 5 ways of soil conservation.**
- 2. Visit a garden and write 5 sentences about the garden.**
- 3. Cut a news clip from newspaper related to water problem.**
- 4. Draw a labelled diagram of human digestive system.**

**B. Doing work**

- 1. Read some children magazines related to science.**
- 2. Visit a village .**
- 3. If possible visit any any museum.**

**Holiday Home Work**  
**Subject : Mathematics**  
**Class: VIIB**

1. Tenzin drinks  $\frac{1}{2}$  glass of milk every day. How many glasses of milk does he drink in a week? How many glasses of milk did he drink in the month of January?
2. A team of workers can make 1 km of a water canal in 8 days. So, in one day, the team can make \_\_\_ km of the water canal. If they work 5 days a week, they can make \_\_\_ km of the water canal in a week.

3.

Multiply and then convert it into a mixed fraction:

(a)  $7 \times \frac{3}{5}$

(b)  $4 \times \frac{1}{3}$

(c)  $\frac{9}{7} \times 6$

(d)  $\frac{13}{11} \times 6$

4.

A water tank is filled from a tap. If the tap is open for 1 hour,  $\frac{7}{10}$  of the tank gets filled. How much of the tank is filled if the tap is open for

(a)  $\frac{1}{3}$  hour \_\_\_\_\_

(b)  $\frac{2}{3}$  hour \_\_\_\_\_

(c)  $\frac{3}{4}$  hour \_\_\_\_\_

(d)  $\frac{7}{10}$  hour \_\_\_\_\_

(e) For the tank to be full, how long should the tap be running?



5. If  $\frac{1}{4}$  kg of flour is used to make 12 rotis, how much flour is used to make 6 rotis?
6. Mira is reading a novel that has 400 pages. She read  $\frac{1}{5}$  of the pages yesterday and  $\frac{10}{3}$  of the pages today. How many more pages does she need to read to finish the novel?



7. A car runs 16 km using 1 litre of petrol. How far will it go using  ~~$2\frac{1}{4}$~~   $2\frac{3}{4}$  litres of petrol?

8.  $2\frac{3}{4}$

Mariam's grandmother baked a cake. Mariam and her cousins finished  $\frac{4}{5}$  of the cake. The remaining cake was shared equally by Mariam's three friends. How much of the cake did each friend get?

9.

Amritpal decides on a destination for his vacation. If he takes a train, it will take him  $5\frac{1}{6}$  hours to get there. If he takes a plane, it will take him  $\frac{1}{2}$  hour. How many hours does the plane save?

10.

Choose the option(s) describing the product of  $\left(\frac{565}{465} \times \frac{707}{676}\right)$ :

(a)  $> \frac{565}{465}$

(b)  $< \frac{565}{465}$

(c)  $> \frac{707}{676}$

(d)  $< \frac{707}{676}$

(e)  $> 1$

(f)  $< 1$

PM SHRI KENDRIYA VIDYALAYA SEONI

CLASS-VII SOCIAL SCIENCE

HOLIDAY HOME WORK

1. Who was considered a 'foreigner' in the past?
2. List some of the technological changes associated with this period?
3. What is cartography?
4. What do you mean by archive?
5. What is an ecosystem?
6. What do you mean by the natural environment?
7. Which are the major components of the environment?
8. What is biosphere?
9. What is lithosphere?
10. Locate the following places in the Political Map of India.

HIMADRI, HIMACHAL, SHIVALIK RANGE, ARABIAN SEABAY OF BENGAL, INDIAN OCEAN,  
LAKSHADWEEP, ANDAMAN NICOBAR ISLAND, ANY FIVE STATE AND CAPITAL