

**Bhai Parmanand Vidya Mandir**  
**Holiday Homework**  
**Class IV**

**THEME- MY WORLD MY RESPONSIBILITY**



Dear Children,

This holiday, we're embarking on an important journey under the theme: My World, My Responsibility. Our planet is our home, and it's up to each of us to look after it. This theme is all about discovering how you can take charge of our future.

We will explore how technology and innovation can be used as powerful tools for change. You'll discover that being responsible for our world is not just a duty, but also an opportunity to use your skills, ideas, and creativity to build a greener, smarter, and better tomorrow.

Get ready to think big and act local. The change starts with you!

Happy learning and enjoy your holidays!

**TIPS FOR CHILDREN**

1. God gives us 24 hours in a day, let us take out a few minutes for Him and thank Him for the happy moments.....also ask Him to give us strength to cope up with our difficulties.
2. Don't be lazy....and become a couch potato!! Do exercise and be fit and healthy. Revise all the concepts done in the class.

**3. Reading is fun and it helps us develop our vocabulary.... Make it a habit to read story books.**

## **TIPS FOR PARENTS**

**1. Give your child saplings and ask them to plant them and water them and see them grow. Encourage them by saying that they will be presented with gifts for their good deeds.**

**2. Make them sit by you and ask them what their needs are and satisfy some of the useful ones and explain to them which ones are essential and which ones are not. Give them a feeling that you are there for them.**

## **English**

### **Q1. NEWSPAPER/MAGAZINE DESIGNING – BE THE EDITOR**

Task: Design a complete creative newspaper or magazine by compiling the given sections into a properly structured format. The newspaper/magazine must be presented as a multi-section edition with clear layout, columns, and newspaper/magazine-style presentation.

Your newspaper must include:

#### **1. POEM SECTION**

Write an original poem.

#### **2. WORD PUZZLE – METAPHOR PUZZLE**

Create a creative word puzzle using metaphors or figurative expressions (e.g., “Time is a river”, “Mind is a garden”). The puzzle should be engaging and thoughtfully designed.

#### **3. LITERATURE CORNER – STORY SUMMARY**

Write a short summary (120–150 words) of any one book written by:

Ruskin Bond, Enid Blyton, Lewis Carroll, Roald Dahl, Sudha Murthy, A. A. Milne, or J.K. Rowling.

### **Q2. Paragraph Writing**

Task

Write 2 separate paragraphs (150–200 words each).

1 Mandatory Topic- If I Met a Friendly Dragon

Write this paragraph using words like-

[Magnificent, Mystical, Majestic, Enchanting, Gleaming, Extraordinary, Glimmering, Fearsome, Spectacular, Legendary, Compassionate, Radiant, Protective, Curious, Soaring, Whispered,

Roaring, Treacherous, Cavern, Adventure, Harmony, Astonishing, Fascinating, Graceful, Courageous]

Choose any 1 topic from-

- If I Were the Guardian of the Earth
- Why My Small Actions Matter More Than I Think
- The Future I Saw Forced me to Fix the Present

Presentation

- Use an A4 sheet (portrait format)
- Write a clear and suitable title for each paragraph
- Maintain proper margins on all sides
- Write in neat and legible handwriting
- Ensure proper spacing and alignment

Parameters-

### ***HOW TO WRITE A GOOD PARAGRAPH***

#### **① INTRODUCTION PARAGRAPH**

- Begin with a clear opening sentence connected to the topic.
- Give a general idea about what you will write.
- Use a hook (a question, strong statement, or imagination).  
For example- If the topic is A Day Without Electricity → Hook Question: “Can you imagine living even one day without lights, phones, or fans?”
- Keep it short and engaging.
- Add idioms, metaphors and quotes.

#### **② MAIN CONTENT PARAGRAPH**

- This should be the largest paragraph of your writing.
- Add details, reasons, examples, imagination, and meaningful descriptions.
- Clearly describe the scenario or situation happening in the paragraph.
- Mention how the characters or people felt during that moment.
- Use linking words such as first, next, also, moreover, because, and therefore.
- Stay focused on one central idea and avoid unrelated points.
- Write complete sentences with good vocabulary and proper flow.
- Make your paragraph engaging, expressive, and easy to understand

#### **③ CONCLUSION PARAGRAPH**

- Summarise the main idea (in a nutshell, at the end, in conclusion)
- Add a closing thought, hope, or message.
- Do not introduce new details.

- End neatly with a final positive line.

### Q3. Vocabulary Enrichment Flashcards

Task: Collect 25 new words from real life or by reading. All words must have at least 5-6 letters.

Instructions: Make flashcards on plain sheets (Size: 15 × 10 cm).

Get them laminated.

Each flashcard should include:

- The word
- Meaning, synonym, and part of speech
- Use it in a sentence
- One symbolic drawing

Sources to explore: Newspapers, magazines, novels, storybooks, or any resource you enjoy during your vocabulary treasure hunt which is in printed form.

ग्रीष्मकालीन गृहकार्य (२०२६-२७ )  
कक्षा -चौथी

विषय: मेरा विश्व, मेरी जिम्मेदारी



यह विश्व हमारी अनमोल धरोहर है, और इसकी सुरक्षा व खुशहाली हमारी व्यक्तिगत और सामूहिक जिम्मेदारी है। एक सभ्य समाज की पहचान उसकी इमारतों से नहीं, बल्कि उसके निवासियों के व्यवहार और पर्यावरण के प्रति उनके प्रेम से होती है। जब हम दूसरों के प्रति दया और करुणा का भाव रखते हैं, तो हम वास्तव में उस सामाजिक संतुलन को बनाए रखते हैं जिसके बिना कोई भी विकास अधूरा है।

उप विषय 1 : अनुच्छेद लेखन

निम्नलिखित संकेत बिंदुओं के आधार पर 'वृक्ष : जीवन रक्षक' विषय पर 100-120 शब्दों में अनुच्छेद लिखिए-

संकेत बिंदु-

- प्राणवायु (ऑक्सीजन) के स्रोत
- जीव-जंतुओं का घर

- दवाइयों और संसाधनों का भंडार
- हमारा कर्तव्य

अथवा

### कहानी लेखन

नीचे दी गई पंक्तियों को ध्यान से पढ़ें और कहानी को आगे बढ़ाएँ कि किस प्रकार एक नन्ही बच्ची के प्रयास से एक छोटी-सी गिलहरी के जीवन में खुशहाली आई। शीर्षक भी लिखें। (१५० -१८० शब्दों में )

एक बार नन्ही गुनगुन बगीचे में खेल रही थी कि अचानक तेज़ हवा चलने लगी और .....

### उप विषय 2 : चित्र वर्णन

सूची में दिए गए शब्दों का प्रयोग करते हुए अनुक्रमांक के अनुसार चित्रों का वर्णन ७०-८० शब्दों में कीजिए-

अनुक्रमांक 1-15	(चित्र वर्णन-1)
अनुक्रमांक 16-30	(चित्र वर्णन-2)
अनुक्रमांक 31-46	(चित्र वर्णन-3)

1.



(वृक्ष , हरियाली , आवास , स्वार्थ , क्षति ,अस्तित्व , प्राणवायु , प्रदूषण, वृक्षारोपण)

2.



( वायु प्रदूषण , स्वास्थ्य , पर्यावरण , धुँआ , कारखाने , सार्वजनिक परिवहन , जिम्मेदारी )

3.



( बुजुर्ग , नैतिक शिक्षा , प्रसन्नता , व्यवहार , मनोरंजन , वार्तालाप , आशीर्वाद , प्रणाम )

उप विषय 3: **स्मरण पत्रक (फ्लैश कार्ड)**

- हमारा पर्यावरण
- प्रदूषण
- जीव सुरक्षा
- जल संरक्षण
- परोपकार

(क) दिए गए विषयों को ध्यानपूर्वक पढ़िए।

(ख) विषयों में प्रयुक्त होने वाले शब्दों के अर्थ व दो-दो पर्यायवाची शब्द लिखकर 20

स्मरण पत्रक (फ्लैश कार्ड) बनाइए।

## गृहकार्य हेतु सामान्य निर्देश -

- ❖ ग्रीष्मकालीन गृहकार्य सभी विद्यार्थियों के लिए अनिवार्य है।
- ❖ प्रत्येक गतिविधि को सुंदर और सुव्यवस्थित लेखन में प्रस्तुत करना आवश्यक है।
- ❖ समस्त कार्य **A4** आकार के पृष्ठ पर सुंदर लेख के साथ करें।

## MATHEMATICS

Instructions:

1. Present your work neatly on A-4 pastel sheets.
2. Apply concepts, show working, and give reasoning wherever needed.
3. Use your own researched data in all calculations.
4. The work should be well-organised with proper headings and clear presentation.
5. All answers must include proper units.
6. Greater importance will be given to:
  - Accuracy
  - Logical reasoning
  - Mathematical calculations
  - Presentation
  - Real-life understanding

### **TASK 1: DIGITAL CARBON FOOTPRINT**

#### *How Our Digital Habits Affect the Environment*

#### **INTRODUCTION**

Every day, millions of people use mobile phones, tablets, televisions, computers, and the internet for watching videos, gaming, online classes, and social media. These activities may look harmless, but they consume electricity and produce carbon dioxide, which affects the environment.

Through this activity, students will investigate how digital activities create a “digital carbon footprint” and how responsible digital habits can help protect our world.

#### **PART A – RESEARCH WORK**

Students must research and write the following information from reliable sources:

1. Total number of internet users in India.
2. Total number of internet users in the world.
3. Average daily screen time of children.
4. Approximate electricity consumed during one hour of video streaming.
5. Approximate carbon dioxide produced during one hour of video streaming.
6. Average internet data used while watching online videos.
7. Electricity cost per unit in your city/state.

#### **PART B – SCREEN TIME INVESTIGATION**

In a large country, 48,750,000 children use digital devices daily.

Out of these:

- $\frac{3}{8}$  of the children watch online videos for 48 minutes daily.
- $\frac{1}{4}$  of the children play online games for 36 minutes daily.
- The remaining children use devices for online studies for 52 minutes daily.

Students must calculate:

1. The number of children in each category.
2. The total number of minutes spent by each group daily.
3. The total number of minutes spent by all children together in one week.
4. Convert the final answer into:
  - hours,
  - days.

### **PART C – ELECTRICITY CONSUMPTION INVESTIGATION**

Students must use the researched value of electricity consumed during one hour of video streaming.

Now assume that:

- 18,750,000 children stream videos daily.
- Each child watches videos for 2 hours every day.
- Electricity cost is ₹9 per unit for the first 6 months.
- Electricity cost increases to ₹11.50 per unit for the next 6 months.

Students must calculate:

1. Total electricity consumed in one month.
2. Total electricity consumed in one year.
3. Difference in the yearly electricity bill after the increase in electricity cost.  
(*HINT: Compare the bills before and after the increase in electricity cost*)

### **PART D – CARBON FOOTPRINT INVESTIGATION**

Students must use the researched value of carbon dioxide produced during one hour of video streaming.

Now assume that:

- 26,500,000 users stream videos for 3 hours daily.
- Carbon emission increases by 125 grams every year because of increasing internet usage.

Students must calculate:

1. Total carbon dioxide produced in one month.
2. Total carbon dioxide produced in one year.
3. Total increase in yearly carbon emissions after 5 years.

Students must convert all answers into:

- kilograms,
- tonnes.

### **PART E – FRACTION INVESTIGATION**

A child uses digital devices for 6 hours daily.

Out of the total screen time:

- $\frac{1}{6}$  of the time is spent on online classes.
- $\frac{1}{3}$  of the time is spent watching videos.
- $\frac{1}{4}$  of the time is spent gaming.
- Remaining time is spent talking to family members and doing outdoor activities.

Students must calculate:

1. Fraction of time spent responsibly.
2. Fraction of time spent unnecessarily.
3. Total minutes spent in each activity daily.

### **PART F – RESPONSIBLE CITIZEN INVESTIGATION**

A student decides to reduce unnecessary screen time by 1 hour daily.

Students must use their researched values of:

- electricity consumed during one hour of streaming, and

- carbon dioxide produced during one hour of streaming.

Students must calculate:


1. Electricity saved in:
  - one week,
  - one year.
2. Carbon dioxide reduced in one year.
3. Money saved on electricity bills in one year.

Now assume that 8,500,000 students make the same responsible decision.

Students must calculate:

1. Total electricity saved.
2. Total money saved.
3. Total carbon dioxide reduced.

Finally, students must write 4–5 lines explaining how small responsible digital habits can help protect the environment when followed by millions of people.

**Task 2: WORKSHEET:**  Class IV HHW Worksheet (2026-27) (To be done on A4 size sheets)

## SOCIAL STUDIES

### THEME: MY WORLD MY RESPONSIBILITY

#### *INSTRUCTIONS:*

- *Holiday Homework carries marks in assessment. Hence, submission of work post vacation is compulsory for all students.*
- *Originality of the work will be appreciated.*
- *Use 10–15 A-4 sized ruled sheets for Task 1.*
- *Students are required to undertake any one of the two assigned tasks (Task 1 or Task 2)*
- *Add pictures, data, diagrams and other decorative elements.*
- *Write in your own words, in clear handwriting.*
- *All the sheets should be attached properly in a punch file along with Name, Roll No., and Class.*
- *Keep your work neat and clean.*

#### **PROJECT (RESEARCH) WORK:**



**THEME: MY WORLD MY RESPONSIBILITY**

**DESCRIPTION:** Research based project

**TASK 1:** Make a project on topic ‘Global Citizenship’

**OBJECTIVE:** To make students aware of global citizenship by understanding world issues, showing empathy and respect, taking responsible actions, and learning about sustainability, cultural diversity, and global connections.

**INSTRUCTIONS:** Students are required to undertake a research-based project on the topic ‘Global Citizenship’, Include supporting data in your answers, such as: – Population figures – Climate details (temperature and rainfall) – Maps (drawn or printed and labelled) – Tourist statistics (famous places/visitors) – Natural resources and occupations – Transport and internet facilities to strengthen their comparison and understanding.

**Project Title:** Global Citizenship

- 1. Who is a global citizen?**
- 2. Why is global citizenship important in today’s world?**
- 3. Can people living in villages also become global citizens? How?**
- 4. What is a village?**
- 5. In India, how do we decide whether a place is a village or a city?**
- 6. Do all countries use the same rules to define villages? Why/Why not?.**
- 7. What are some common features of villages around the world?**

**Village Comparison Study**

**Step 1 – Select Any ONE Pair of Villages**

S. No.	Indian Village (State)	Foreign Village (Country)
1.	Mawlynnong (Meghalaya)	Shirakawa-go (Japan)
2.	Punsari (Gujarat)	Giethoorn (Netherlands)
3.	Ziro (Arunachal Pradesh)	Reine (Norway)
4.	Khonoma (Nagaland)	Zermatt (Switzerland)
5.	Spiti Valley Villages (Himachal Pradesh)	Whistler (Canada)
6.	Poovar (Kerala)	Cam Thanh (Vietnam)
7.	Raghurajpur (Odisha)	Eguisheim (France)

## Step 2 – Compulsory Research Points

Students must research and write the following points for BOTH villages:

- **Geographical Location & Terrain**  
(Location of the village ,Physical features of the area like mountains, plains, coastal region, desert, etc.)
- **Climatic Conditions**  
(Type of climate)
- **Population**  
(Large or small population, lifestyle of people ,Type of houses, food habits, Clothing, Occupations/work, transport used)
- **Natural Resources**
- **Unique/Special Feature**  
(What makes the village special or famous?)

## 8. Power Question: How Can We Become Responsible Global Citizens?

(Write your role as a global citizen.)

OR

**TASK 2 : Project Title: Mega Cities of the World**

**Objective:** To understand the features, population, natural disasters and importance of major cities of the world and how they function as global hubs.

**City Allotment (Class Section-wise)**

Refer to the following list in order to find the cities assigned to you based on your class/sections:

- Prepare a **model / chart / informative poster** on your assigned city.
- Students must follow the given parameters while preparing their project to ensure proper content and structure.
- Make your presentation neat, colourful and informative.

**PARAMETERS**

<ul style="list-style-type: none"><li>• Important Landmarks &amp; Attractions</li><li>• Culture &amp; Food (festivals, food habits)</li></ul>	<ul style="list-style-type: none"><li>• Famous places (monuments, parks, buildings)</li><li>• Types of Houses (apartments, buildings, slums or skyscrapers etc.)</li></ul>	<ul style="list-style-type: none"><li>• Transport &amp; Connectivity</li><li>• Disaster Management &amp; Safety</li><li>• Occupations &amp; Economy</li></ul>
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<b>SECTIONS</b>	<b>CITIES</b>
<b>IV A</b>	New York and Jakarta
<b>IV B</b>	London and Shanghai
<b>IV C</b>	Paris and Mexico City
<b>IV D</b>	Tokyo and Seoul
<b>IV E</b>	Dubai and Bangkok
<b>IV F</b>	Beijing and Cairo

<b>IV G</b>	Rome and Manila

### **TASK 3: EK BHARAT SHRESHTHA BHARAT**

- Make a colourful poster on Tourist Sightseeing of Sikkim.
- Can include famous places like Gangtok, Tsomgo Lake, Nathula Pass, Yumthang Valley etc.
- Add pictures and short descriptions.
- Show the cultural and natural beauty of Sikkim.

Be creative! Make the project attractive and presentable.

## **Science Holiday HW**

# **Theme: My World, My Responsibility**

### **Holiday Homework Guidelines**

- Holiday Homework will be included in the assessment, so it is compulsory for all students to submit it after the vacation.
- Original and creative work will be highly appreciated.
- Use **ruled A4 size sheets** for **Task 1** and **Task 2**
- Make your work attractive by including pictures, diagrams, facts, data, and other decorative

elements wherever needed.

- Write the content in your own words with neat and legible handwriting.
- Arrange all the sheets properly and submit them in a punch file with your **Name, Roll Number, and Class** clearly mentioned.
- Completion of **both tasks** is mandatory.
- Ensure that your work is neat, organized, and well-presented.

## Task 1

### Think, Compare, and Solve Like a Young Scientist!

Observe your home, school, or neighborhood and identify **one environmental problem** such as air pollution, waste disposal, water wastage, noise pollution, or plastic pollution.

### Your Task:

#### 1. Identify

- What problem did you notice?
- Where did you see it?
- How does it affect people, animals, or nature?

#### 2. Compare

- Find a country or city facing the same problem.
- What solutions have they used?

#### 3. Solve

- Suggest how those ideas can help your city.
- Add one of your own creative scientific solutions.

#### 4. Action Plan

Write **4–5 steps** to solve the problem.

Design poster of your idea

**Task 2 Revision Worksheet**  Assignment HHW





