



R.V. NORTHLAND INTERNATIONAL
SCHOOL

HOLIDAY HOMEWORK

SESSION: 2025-26

NAME: _____

CLASS & SEC: VII

ROLL NO. : _____

SUMMER





Hello, Happy Holidays!

The sun is shining, skies are blue,
A summer break is here for you!
Time to learn in a fun new way,
As you enjoy each sunny day.
With books and crafts and games to play,
Let's make the most of every day!
So open your pages, bright and neat,
This holiday homework is a treat!



Guidelines for a Fun-Filled Learning Journey



1. **Parental Guidance:**
Complete your homework with the help and supervision of your parents or guardians.
2. **Neatness Counts:**
Present your work in a clean, tidy, and attractive manner.
3. **Be Original:**
Showcase your creativity! Original ideas and efforts will be appreciated.
4. **Revise & Recall:**
Take time to revise all concepts learned in the months of April and May.
5. **Learn Beyond Books:**
Watch informative channels like *Discovery Kids*, *Animal Planet*, or *YouTube Kids* to broaden your knowledge.
6. **Label Properly:**
Ensure every page of your homework is labeled with your **Name, Class, and Roll Number**.
7. **Speak English:**
Build confidence by speaking English regularly with family and friends.
8. **Choose Your Favorites:**
From the list of fun holiday projects, you may choose any two that excite you the most.
9. **Add Fun to Function:**
Decorate your homework folder or file. Stickers, doodles, or borders — let your personality shine!
10. **One Page a Day Keeps Stress Away:**
Don't rush at the end! Do a little every day and enjoy both learning and vacation.

HAPPY HOLIDAYS!

With Best Regards,

CLASS TEACHER: Mrs. Sonia & Mrs. Sakshi Bhati





Handwriting Practice – 1 Page Every Alternate Day

Write one page in a two-line notebook using neat handwriting. Choose from:

- Poems
- Paragraphs from your English textbook
- Motivational quotes
- Short stories

Reading Activities

1. Genre Quest Challenge

Create a bingo card with genres such as:

- A mystery novel
- A biography or autobiography
- A fantasy story
- A historical fiction book
- A book written before 2000

Task: Complete at least 4 genres and write a short review (80–100 words) for each book.

2. Read & Reflect Journal (Level Up)

Maintain a journal and write after each reading session:

- A summary of what you read
- A character you connected with and why
- One quote you found meaningful

Writing Activities

1. Postcard from the Future

Imagine you time-traveled to the year 2125. Write a postcard (100–120 words) to a friend describing:

- What the world looks like
- New technologies or changes
- One surprising thing you saw

2. Personal Narrative – ‘The Day Everything Went Wrong (Or Right!)

Write a true or fictional story (200–250 words) narrating a day full of unexpected events.

3. Nature Diary

Every Sunday of your vacation, write about the weather and one thing in nature you observed closely (a bird, tree, cloud shape, etc.).

Speaking Activities

1. Creative Retelling

Pick a classic fable or myth. Retell it in your own words but from a different character's point of view.

 Record a 2–3 minute video and share it with your class.

2. Speech Circle – 'A World Without...'

Prepare a 2-minute speech on one topic:

- A world without electricity
- A world without books
- A world without school (would it be better or worse)

Listening Activities

1. Podcast Explorer 2.0

Listen to 2–3 episodes of the following:

- Smash Boom Best (<https://www.youtube.com/@SmashBoomBest>)
- Short & Curly – Ethics for Kids (<https://www.youtube.com/@ShortCurlyABC>)
- Circle Round – Story Podcasts (<https://www.youtube.com/@CircleRoundPodcast>)


Task: For each episode:

- List 3 facts or ideas you liked
- 1 word you looked up
- 1 question you would ask the host

2. Audiobook Adventure

Listen to:

- The Happy Prince (<https://www.youtube.com/watch?v=EZwWY2hA248>)
- The Selfish Giant (<https://www.youtube.com/watch?v=6T6b5SMcYWQ>)
- Ali Baba and the Forty Thieves (<https://www.youtube.com/watch?v=E8hSba-VnNE>)

 Act out a scene you liked and record a video (1–2 minutes).

Submission Guidelines

- Use a scrapbook or folder to compile your written work.
- Label all pages with name, date, and activity name.
- Share videos/audio via Google Classroom or WhatsApp group.



1. पढ़ने का समय – प्रतिदिन 20 मिनट

हर दिन एक हिंदी पुस्तक, पत्रिका, कहानी या जीवनी पढ़ें। चुन सकते हैं:

- पंचतंत्र की कहानियाँ
- प्रेमचंद की कहानियाँ
- बाल भारतीय पत्रिका
- चंपक, नंदन या कोई अन्य बाल साहित्य
- स्कूल द्वारा दी गई पाठ्यपुस्तक

कार्य: एक पठन लॉग बनाएँ (5 प्रविष्टियाँ)

दिनांक कहानी / लेख का नाम लेखक पसंदीदा पात्र कहानी का सार (2 पंक्तियाँ)

2. हस्तलेखन अभ्यास – हर वैकल्पिक दिन 1 पृष्ठ

काँपी में किसी भी कविता, प्रेरणादायक कहानी या पाठ्यपुस्तक से एक पृष्ठ सुंदर लेख में लिखें।

3. शब्द संग्रह

अपनी पढ़ी गई सामग्री या परिवेश से 20 नए कठिन शब्द सप्ताह में दो बार ढूँढ़ें और इनके:

उदाहरण:

शब्द अर्थ पर्यायवाची वाक्य

4. रचनात्मक लेखन (किसी दो विषयों पर 100–200 शब्द)

- मेरी प्रिय पुस्तक
- मोबाइल फोन: लाभ और हानियाँ
- पर्यावरण की रक्षा कैसे करें?
- मेरा सपना भारत
- एक दिन स्कूल बिना शिक्षकों के

5. चित्र विवरण

किसी समाचार पत्र / पत्रिका से चित्र काटकर चिपकाएँ या स्वयं चित्र बनाएँ। उस पर 6–8 पंक्तियों का विवरण लिखें।

विषय उदाहरण:

- मेला दृश्य
- स्कूल में विज्ञान प्रदर्शनी
- सड़क सुरक्षा
- कचरे का निपटान

अभिभावकों के लिए निर्देश:

- बच्चों को मार्गदर्शन दें, परंतु उन्हें स्वावलंबी बनने दें।
- सभी कार्य एककाँपी में जमा करें जिस पर नाम, कक्षा व अनुभाग लिखा हो।

2. Maths in Nature Model (Roll no. 10 to 18)

Collect natural objects (leaves, flowers) and analyze symmetry, patterns, and shapes.

3. DIY Protractor with Rotating Arm (Roll no. 19 to 28)

Make a functional protractor from cardboard with a rotating arm to measure angles.

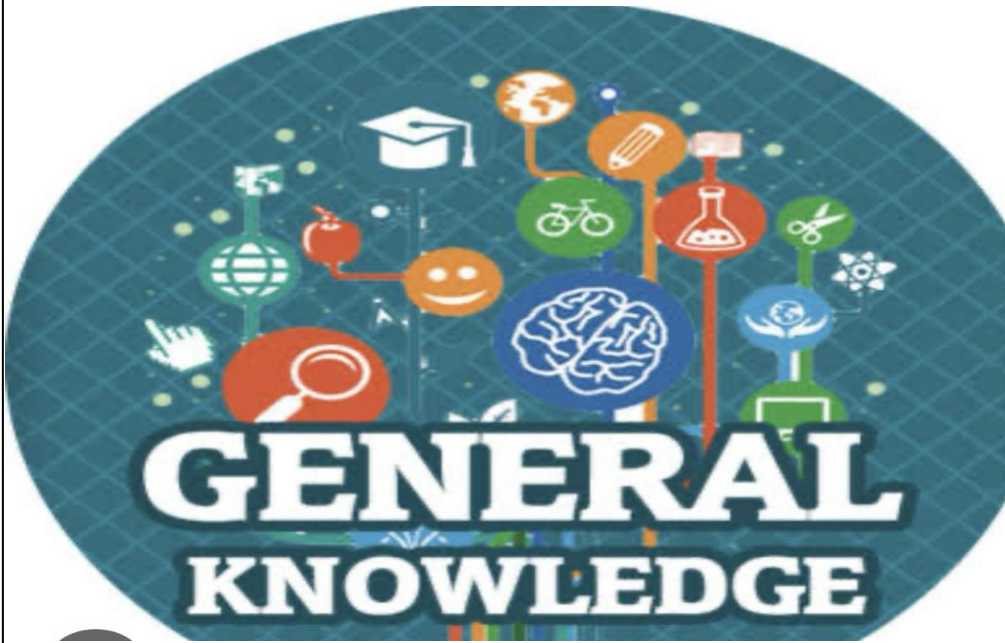
4. Mathematical Quilt (Roll no. 29 to 35)

Design quilt blocks that illustrate patterns, symmetry, and tessellation.

5.. Interactive Money Transaction Ledger(Roll no. 36 to 42)

Simulate transactions to teach profit, loss, and balance calculations.

6. Write tables 2 to 20 daily.



Instructions:

Make a colorful and creative scrapbook or folder. You can write, draw, paste pictures, and decorate your work. Complete all 5 tasks.

1. Top 5 World Records

Research and write about 5 amazing Guinness World Records.

Include:

- Title of the record
- Person's name (or group)
- Country
- A picture (drawn or pasted)

2. My Country, My Pride

Create a fact file for India:

- Capital:
- Currency:
- National Animal, Bird, Flower:
- Famous historical monument:
- Any 1 lesser-known amazing fact

3. Inventors and Their Inventions

List any 5 great inventions and the names of the inventors.

Example:

- Telephone – Alexander Graham Bell

Add small drawings of the inventions too.

4. State-Wise Food Tour

Choose any 4 Indian states and write:

- State name
- Famous traditional dish
- Draw or paste a picture of the dish

5. Design a Fun GK Quiz

Make a GK quiz with 10 questions.

Topics can include:

- Science facts
- World capitals
- Sports
- Famous personalities



SECTION A: ONE WORD QUESTIONS

1. What are the tiny pores on leaves through which gases are exchanged?
2. Name the process by which green plants prepare their own food.
3. Which acid is present in the human stomach?
4. Name the finger-like projections in the small intestine that help in absorption of nutrients.
5. What is the name of the green pigment in plants?

SECTION B: SHORT ANSWER QUESTIONS

1. Explain the process of photosynthesis with a word equation.
2. What is the role of saliva in digestion?
3. How do herbivores digest cellulose?
4. Differentiate between autotrophic and heterotrophic nutrition.
5. What are the functions of villi in the small intestine?

SECTION C: INNOVATIVE ACTIVITIES

1. A. DIY Thermos Flask Model. Make a homemade thermoflask using a plastic bottle, foam, and foil. Test heat retention with warm water and record temperature at intervals.
2. To make organic manure (compost) using kitchen and garden waste and understand the process of decomposition.

SECTION D: PROBLEM SOLVING QUESTION

1. Explain how autotrophic nutrition in plants helps maintain the balance of oxygen and carbon dioxide in nature.
2. A child eats only junk food and avoids fruits and vegetables. What digestive and health problems might they face? Suggest improvements.
3. You are asked to design a lunchbox that keeps food warm for a long time. What materials and concepts of heat transfer will you use?
4. If a person has a tooth cavity, what could be the reason and how can it be prevented?
5. You are given three spoons made of metal, plastic, and wood. If you place them in hot water, which one will get hot quickly and why?



१. शब्दरूपाणि (Noun Declensions – तीन लिङ्गों में)

- (क) बालकः (पुल्लिङ्ग)
- (ख) कन्या (स्त्रीलिङ्ग)
- (ग) पुस्तकम् (नपुंसकलिङ्ग)
- (घ) गुरु (पुल्लिङ्ग)
- (ङ) नदी (स्त्रीलिङ्ग)

२. धातुरूपाणि (Verb Forms – लट् लकार, लङ् लकार)

लट् लकार (वर्तमान काल):

- (क) पठ्, (ख) वद्

लङ् लकार (भूतकाल):

- (क) गम्, (ख) खाद्

४. सन्धि-विच्छेद (Sandhi Splitting):

(क) विद्यालयः

(ख) रामोत्तमः

(ग) देवालयः

(घ) लोकप्रियः

५. अव्ययानि (Write 10 indeclinable words – अव्यय):

उदाहरण: – यदा, तदा, कदा,

६. संस्कृत श्लोक – दो याद कीजिए तथा हिन्दी में अर्थ लिखिए।

७. चित्रवर्णनम् (Picture Description):

एक चित्र बनाइए (जैसे – विद्यालय, ग्राम, बाग आदि) और उस पर 5 संस्कृत वाक्य लिखिए।

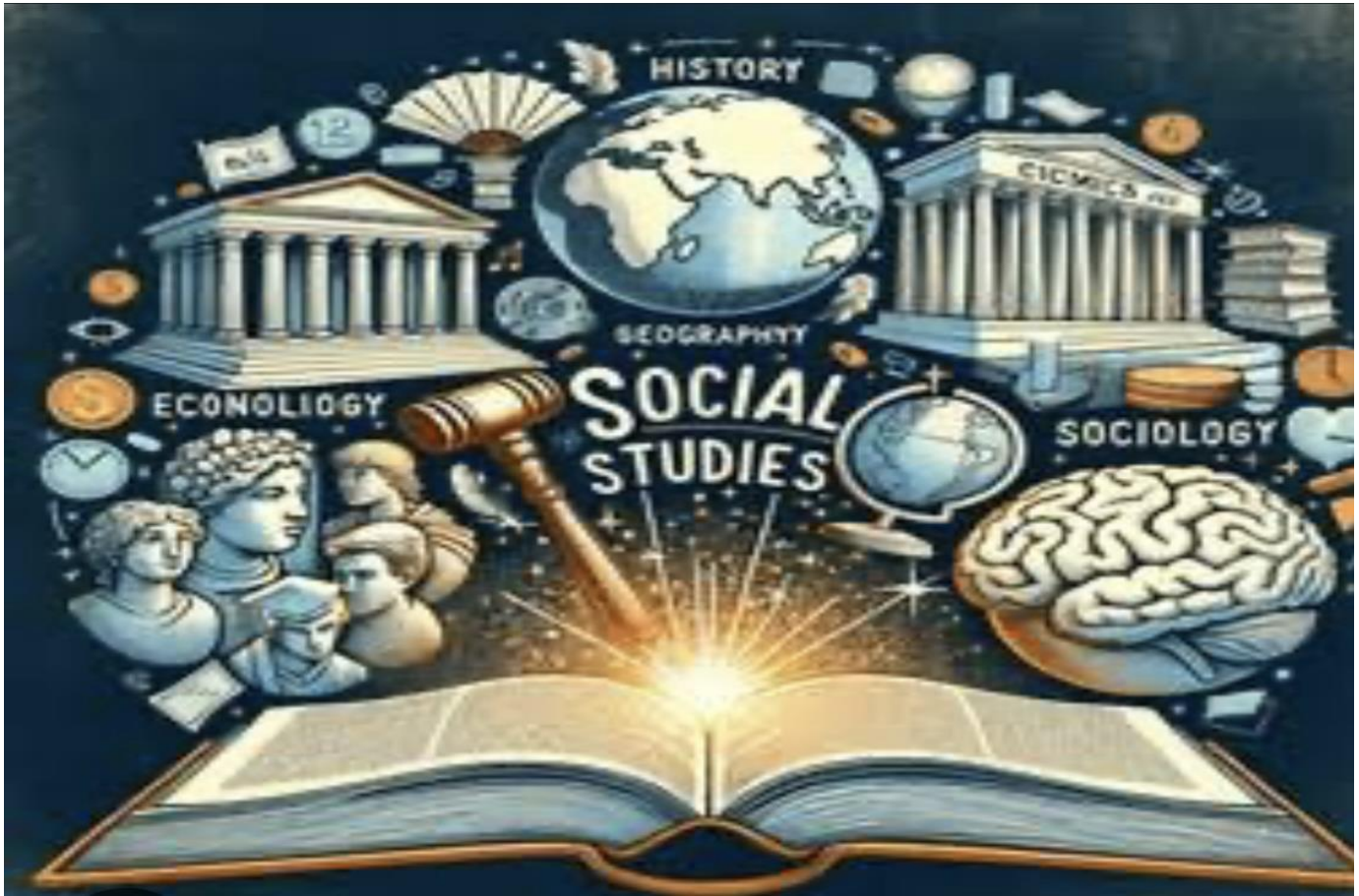
८. निम्नलिखित वाक्यों का संस्कृत में अनुवाद कीजिए:

- (क) मेरे माता-पिता अच्छे हैं।
- (ख) मैं प्रतिदिन प्रातःकाल उठता हूँ।
- (ग) छात्रः पाठं पठति।
- (घ) हम पुस्तकालय में पुस्तकें पठामः।
- (ङ) बालिका विद्यालयं गच्छति।

९. विषय पर लघुनिबन्धः (Short Essay in Sanskrit – 6-8 वाक्य):

विषय – ‘मम विद्यालयः’ / ‘मम मित्रम्’ / ‘स्वच्छता’

कार्यः: प्रतिदिन 5 संस्कृत शब्दों का अभ्यास करें (अर्थ सहित)। कुल 10 दिनों के लिए।



SUBJECT: GEOGRAPHY

Chapter 1: Environment

Holiday Homework:

1. Make a Project on "Our Environment":

Define environment and its components.

Explain the importance of a clean and healthy environment.

Write about human activities that are harming the environment.

Suggest 5 ways to protect the environment.

Paste related pictures (pollution, plantation, clean rivers, etc.).

2. Poster Making Activity:

Create a poster with slogans on the theme "Equal Rights for All".

Highlight issues like gender equality, education for all, and equal treatment.

Art-integrated Project

Subject: Social Science + Art + English

Theme: Meghalaya and Uttar Pradesh – Cultural Heritage and Art

1. Introduction

India is full of different cultures. This project helps us understand the differences and similarities between Meghalaya, a beautiful northeastern state, and Uttar Pradesh, a historical and cultural state in the north of India.

2. Traditional Clothing

State	Men's Clothing	Women's Clothing
Meghalaya.	Jymphong, Dhoti	Jainsem, Shawls
Uttar Pradesh	Kurta-Pajama, Dhoti	Saree, Salwar Kameez

3. Dance and Music

- Meghalaya:
 - Dances: Wangala, Shad Suk Mynsiem
 - Instruments: Bamboo flute, tribal drums
- Uttar Pradesh:
 - Dances: Kathak, Raslila
 - Instruments: Sitar, Tabla, Harmonium

4. Festivals

Festival	State	What it Celebrates
Wangala	Meghalaya	Harvest festival of the Garo tribe
Shad Suk Mynsiem	Meghalaya	Festival of joy and thanksgiving
Diwali	Uttar Pradesh	Festival of Lights
Holi	Uttar Pradesh	Festival of Colors

5. Art and Craft

- Meghalaya: Bamboo and cane crafts, hand weaving
- Uttar Pradesh: Chikankari embroidery, pottery, glasswork (Firozabad)

6. Art Integration Activities

- Drawing:
 - Draw two traditional dancers (one from each state)
 - Decorate a paper with Chikankari-style patterns
- Map Activity:
 - Mark Meghalaya and Uttar Pradesh on a map of India
- Craft:
 - Try making a small bamboo-style paper weaving (to represent Meghalaya)

7. Worksheet

A. Fill in the Blanks

1. The famous classical dance from Uttar Pradesh is _____.
2. The Wangala Festival is celebrated in _____.
3. Meghalaya is also known as the "_____ of Clouds."

D. Creative Task

- Draw or paste pictures showing:
- A festival celebrated in Meghalaya
- A traditional dress from Uttar Pradesh

8. Conclusion

By learning about Meghalaya and Uttar Pradesh, we see how different Indian cultures are connected through art, dance, music, and festivals. Each state adds beauty to our country in its own way.

Submission Instructions:

- Use an A4-size scrapbook or file
- Neatly label each section
- Be creative: use headings, colors, borders, and drawings

Computer Science

Write short notes (80–100 words each) on the following topics:

- ☐ a. Input and Output Devices
- ☐ b. Software vs Hardware
- ☐ c. Operating Systems and their types
- ☐ d. Uses of Computers in Daily Life (education, hospitals, banking, etc.)

Practical Assignment (Choose any ONE)

Create any one of the following using a computer (save your file and submit via USB/email/printout):

Option A: PowerPoint Presentation

- ☐ Topic: "Internet Safety Rules"
- ☐ Slides: 5–7
- ☐ Include text, images, transitions.

Option B: MS Word Document

- ☐ Topic: "My Favourite Technology Gadget"
- ☐ Use formatting features: bold, underline, bullets, font styles, insert picture.

Note _ if you have "PC" then prepare it and submit the printout . in case of without PC you will do this acØvity on scrap book .

Part A: Python Basics Practice

Write Python programs for the following:

1. Arithmetic Operations
 - o Add, subtract, multiply, and divide two numbers.

2. Check Even or Odd

o Input a number and check if it is even or odd.

3. Multiplication Table

o Display the multiplication table of any number entered by the user.

4. Find the Greatest of Three Numbers

o Ask the user to enter three numbers and print the greatest one.

Part B: Fun with Loops

1. Star Pattern

python

*

**

o Print the above pattern using a for loop.

2. Count from 1 to 50

o Use a loop to print numbers from 1 to 50.

3. Sum of First 10 Natural Numbers

o Use a loop to calculate and display the sum.

**Make a separate notebook for Holiday Homework.
Do the work subject wise.**