

ARMY PUBLIC SCHOOL, CHANDIMANDIR



HOLIDAY HOMEWORK CLASS- VII (SESSION:2025-26)

- Encourage regular physical activities to help your child stay fit and energetic.
- Introduce them to interesting storybooks to build imagination and language skills.
- Let your child spend time outside exploring nature and observing the world around them.
- Offer fun materials for drawing, painting, or creating handmade items.
- Motivate your child to write daily entries—it's a great way to express thoughts and practice writing.
- Try this fun DIY—paint and decorate rocks to turn them into cute “pets.”
- Take time to look at the night sky, spot constellations, and talk about space.

ENGLISH

I. "Noun Hunt" Around the House

Go around your home and list 20 nouns you can see (e.g., table, lamp, & mirror). Write 5 Nouns of each kind - Proper, Common, Abstract, Material, Collective

Make one sentence of each kind.

II . Short Story Writing: Write a short story of Tenaliraman or Birbal :

- ✚ Main characters (a family, a traveler, a child, etc.) You liked and why?
- ✚ Write the moral values of the story.

III. "PARAGRAPH Writing"

You have visited your native village. Describe your village in 120 words

IV. CREATIVE

Make bubbles of things that make you laugh (on page -59 Poorvi)

V. Read Ch -3 "Animals, Birds & Dr Dolittle"

Ch-4 "Say the Right Thing"

Find the difficult words from dictionary and write in Holiday HW copy.

🌸 Watch the Movie *Dr. Dolittle

🌸 Make a thin separate copy for Holiday HOMEWORK

SANSKRIT

1. गायत्री मंत्र संस्कृत तथा अंग्रेजी में लिखें एवं याद करें । (Students Dairy Page no 37)

2. कोई दो संस्कृत गीत सुर तथा लय के साथ याद करके सुनाईये । यूट्यूब की सहायता ले सकते हैं ।

आवश्यक निर्देश :-

- सभी लिखित कार्य संस्कृत नोटबुक में ही करें ।
- इकाई परीक्षा । के पाठ्यक्रम की पुनरावृत्ति कीजिए ।
- अवकाश कार्य के अंक subject enrichment में दिए जाएंगे ।

SCIENCE

1. Chapter-3 Electricity- Circuits and their components

A) Draw the symbols of following electrical components

- Electric cell
- Battery
- Electric lamp
- Light Emitting Diode (LED)
- Switch in ON position
- Switch in OFF position
- Wire

(Table 3.2, Page 33)

B) Draw the circuit diagrams

- with an incandescent lamp
- with an LED lamp

(Fig 3.14, Page 34)

2. Chapter-2 Exploring Substances- Acidic, Basic and Neutral

A) Give an example of a natural indicator (other than the ones mentioned in the book), and an olfactory indicator. Test how they indicate the acidic and basic nature of the following substances:

- Lemon juice
- Vinegar

- iii) Baking soda
 - iv) Soap Solution
 - v) Sugar Solution
 - vi) Salt solution
- Make a table for your observation.

3. Topics for Self-Study

A) From Chapter-3 Electricity-Circuits and their components

- i) Torchlight
- ii) Simple electrical circuit
- iii) Electric Lamp
- iv) Making an electric lamp glow using an electric cell or battery
- v) An Electrical circuit
- vi) Electric Switch
- vii) Circuit Diagrams
- viii) Electrical Conductors and Insulators

- Go through the questions (Page no. 37-39) at the end of Chapter 3 in the NCERT book and write the answers in your holiday homework notebook.
- Revise the syllabus for Periodic test - 1.
- Note- Holiday homework is to be done in a thin separate notebook (40 pages).

SOCIAL SCIENCE

Geography Activities

1. Map Exploration: Identify and label all Indian states and their capitals on a political map. Additionally, mark the continents and oceans on a world map.
2. Landform Study: Choose a specific landform (e.g., mountains, plateaus, plains) and research its characteristics, formation, and significance.

Analytical and Creative Tasks

1. Geographical Riddles: Solve riddles related to geographical features or create your own to challenge classmates.
- Revise PT 1 Syllabus

HINDI

1) लेखन कौशल

- क) विज्ञान प्रयोगशाला में आपसी एक जार टूट गया था। जिसके कारण अध्यापक ने आप पर दो सौ जुर्माना किया है। जुर्माना माफ़ करवाने के लिए विद्यालय की प्रधानाचार्या जी को एक पत्र लिखो।
- ख) अपने मित्र को अपने साथ गर्मियों की छुट्टी बिताने के लिए आमंत्रित करते हुए एक पत्र लिखो।

2) किसी भी पर्यटन स्थल पर जहाँ आप गर्मियों की छुट्टियों में घूमने गए हैं। वहाँ अपने अभिभावकों के साथ फोटो खिंचवाकर उसे अपनी उत्तर पुस्तिका में चिपकाएँ। आपने वहाँ जाकर क्या सीखा अपने शब्दों में लिखो।

3) व्याकरणिक कौशल

निम्नलिखित दिए गए व्याकरणिक विषयों का अभ्यास कार्य पूर्ण करें-

पाठ 1 भाषा, बोली, लिपि और व्याकरण (पृष्ठ संख्या-10-11)

पाठ- 2 वर्ण विचार (पृष्ठ संख्या-(18,19,20))

उपसर्ग- पृष्ठ संख्या (45,46)

प्रत्यय -पृष्ठ संख्या (47,48)

पर्यायवाची- पृष्ठ संख्या (39)

विलोम शब्द- पृष्ठ संख्या (40)

वचन बदलो - (पृष्ठ संख्या (67-68)

4) परियोजना कार्य-

तेलंगाना और हरियाणा की संस्कृति, पहनावा और नृत्य से संबंधित चित्र स्क्रेप फाइल में चिपकाएँ और वर्णन करें ।

5) निम्नलिखित दिए गए दोनों पाठों का अध्ययन करें ।

पाठ 2 -तीन बुद्धिमान

पाठ 3- पानी रे पानी

महत्वपूर्ण निर्देश :

*दिए गए कार्य को अलग उत्तरपुस्तिका में पूर्ण करें ।

* व्याकरणिक कौशल के कार्य को पाठ्यपुस्तक हिंदी व्याकरण सुधा के अभ्यास कार्य में पूर्ण करें ।

*प्रथम इकाई परीक्षा पाठ्यक्रम की तैयारी करें ।

MATHS

Activities:-

ACTIVITY-1

To demonstrate Multiplication of Integers using Number Line.

ACTIVITY 2

CREATIVE CLOCK

Design a mathematical clock in which every number from 1 to 12 is represented by a mathematical expression involving positive and negative integers separated by mathematical operators.

For example: $5 = (-45) + (-5) \times (-10)$

Use your creativity to design a beautiful clock.

ACTIVITY-3

Select atleast 5 articles from the newspaper which has very large numbers. Write the number name of such numbers using Indian number system and International number system.

Revise all the topics done so far in the class.

Ch Integers (From old book)

Ch Working with Fractions

NOTE: Holiday Homework is to be done in a thin separate notebook.

Chapters for Self Study

Ch 1 Large Number Around Us

Ch 3 Arithmetic Expressions

COMPUTER

(A) Topic: Understanding Number Systems through Conversion Activity

Title: "Decode the Digital World – Number System Conversions"

Instructions for the Assignment:

1. Download/Take a Print or draw the attached activity chart.
 2. Fill in each row by:
Writing a number in the given system.
Choosing which system to convert it to.
Showing the final converted value.
 3. Use your class notes or online resources to help you.
 4. Under "Magic Trick," explain one shortcut you used. Example: "To convert binary to hex, group bits in 4s from the right!"
- Submission Format:
Neatly filled chart submitted as a decorated A4/A3 sheet.

HOLIDAY HOMEWORK



NUMBER SYSTEM CONVERSIONS ACTIVITY CHART



NUMBER SYSTEM	GIVEN NUMBER	CONVERT TO	FINAL ANSWER
BINARY (BASE-2)			
DECIMAL (BASE-10)			
OCTAL (BASE-8)			
HEXADECIMAL (BASE-16)			

MAGIC TRICK

(B) Topic : DIY Robot Project

Theme: "Build Your Own Robot"

Design and build a DIY Robot Model using simple and recycled materials available at home. You don't need to use any advanced tools or programming – just your imagination and basic supplies.

Easy Robot Ideas (Choose One):

1. Traffic Light Robot (Manual Control)

Materials: Cardboard, colored paper (red/yellow/green), paper arms

Function: Mimics a traffic police robot showing stop/go signals with arms and paper lights.

2. Plant Watering Robot (Mock)

Materials: Plastic bottle, straw/dropper, cardboard

Function: A robot that "waters" a plant when tilted or squeezed.

Instructions:

Use recycled or safe household materials.

You may use basic electronics (battery, switch, LED, motor) if available – optional.

No soldering required – use tape or glue.

Write a short report (one page) including:

Robot name

Purpose

Materials used

How it works (manual or motor-based)
