

पी एम श्री केंद्रीय विद्यालय सीमा सुरक्षा बल परिसर राजौरी

ग्रीष्मकालीन गृह कार्य

कक्षा - 7 (कक्षा सप्तमी)

हिन्दी

दादी-नानी के नुस्खे: अपनी दादी या नानी से पूछकर किसी एक घरेलू उपचार (जैसे- जुकाम के लिए काढ़ा) की विधि लिखें।

डायरी लेखन: गर्मी की छुट्टियों के किन्हीं भी 5 विशेष दिनों का अनुभव 'डायरी' के रूप में लिखें।

रचनात्मक कार्य: 'कठपुतली' पाठ के आधार पर पुराने मोजों या गते से एक छोटी कठपुतली तैयार करें।

संस्कृतम् (Sanskrit)

सुभाषितानि: 'सुभाषितानि' पाठस्य द्वौ श्लोकौ सुन्दर-अक्षरैः चार्ट-पत्रे लिखत अर्थं च स्मरत।

संख्या-ज्ञानम्: १ तः २० पर्यन्तं संस्कृत-संख्याः लिखत स्मरत च।

प्रकृति-प्रेमः एकं लघु पादपं (पौधा) रोपयत तस्य चित्रं च रचयत। तस्य नाम संस्कृतभाषायां लिखत।

English Holiday Homework

1. "A Day in My City" Travel Blog

Pick any one day of your vacation. Write a 150-200 word blog as if you're a travel vlogger.

- Include: What you saw, heard, ate, one funny moment, one new word you learned that day.

- Grammar focus: Use 5 adjectives, 3 adverbs, and past tense. Underline them.

- Stick 1 photo/drawing of that day.

2. Interview + Podcast Script

Interview any adult in your family: grandparent, parent, neighbor.

- Topic: “One skill they learned at age 12 that still helps them”.

- Frame 6 questions. Write their answers.

- Then convert it into a 2-min podcast script with a catchy intro and outro. 200 words total.

3 Read any chapter from your English book and now write an “alternate ending” in 120 words. What if the hero failed or the villain changed?

Mathematics Holiday Homework

Textbook : Ganit Prakash (Class VII)

Topics : Large Numbers Around Us | Arithmetic Expressions | Creative Mathematics

Note : To be completed in a separate Holiday Homework Notebook.

Chapter : Large Numbers Around Us

Q1. Write the number 3,08,75,412 in words using the Indian System of Numeration. [1M]

Q2. Express the following in standard form (scientific notation): (i) 57,00,000 (ii) 8,04,30,000 [2M]

Q3. The distance from Earth to the Sun is approximately 15,00,00,000 km. Write this number in words and in standard form. [2M]

Q4. Round off 4,76,83,519 to the nearest: (i) thousand (ii) lakh (iii) crore [2M]

Q5. Compare using $>$ or $<$: (i) 9,87,65,432 ____ 9,87,56,432 (ii) 1,00,00,001 ____ 99,99,999 [1M]

Q6. India's population in 2023 was approximately 142,86,18,000. Write this in the International System and in Indian System. Which system uses 'billion'? [2M]

Q7. The national budget allocated Rs 27,50,000 crore for education. Write this amount using digits and express in standard form. [2M]

Chapter : Arithmetic Expressions

Q8. Simplify using BODMAS: $48 \div 6 + 3 \times (12 - 8) - 2$ [2M]

Q9. Insert brackets to make the following true: $5 + 3 \times 4 - 2 = 30$ [2M]

Q10. Evaluate: $100 - [60 - \{30 + (20 - 10 \div 2)\}]$ [2M]

Q11. Simplify: $(18 + 6) \div (9 - 3) + 5 \times 4 - 3$ [2M]

Q12. Ravi earns Rs 800 per day. He worked 5 days and spent Rs 1200 on food and Rs 750 on transport. Write an arithmetic expression for his savings and evaluate it. [3M]

Q13. Find the value of: $[\{(64 \div 4) + 6\} \times 2 - 10] \div 5$ [2M]

Creative Mathematics

Q14. Create your own 8-digit number using all different digits. Write it in words (Indian System), International System and standard form. [3M]

Q15. Design a 'Number Chain': Start from 2. Multiply by 10 six times. Write each step and express the final number in words. [2M]

Q16. Using the digits 1, 2, 3, 4, 5 each exactly once, form: (i) the greatest 5-digit number (ii) the smallest 5-digit number. Find the difference and express it in Indian System in words. [3M]

Q17. Puzzle: I am a 7-digit number. My ten-lakhs digit is 3, lakhs digit is twice the ten-lakhs digit, the rest of my digits (left to right) are 4, 9, 0, 5, 2. Who am I? Write me in words.

SCIENCE

- 1) Collect a soil sample of your area and find out whether it is Acidic, basic, or neutral in nature. Using natural Indicators
- 2) Using a battery make a circuit to run a toy fan or bulb (working model)
- 3) Tightly wrap a thin paper strip around a metallic Rod. Try to burn the paper with a candle while rotating The rod continuously. Does the paper burn? Explain your Observations.

And write a report

4) Suppose the tilt of the Earth's axis of rotation increases. Will It cause more extreme seasons? Find out if the tilt of Uranus Is more than the Earth and about the seasons there. Write an report on it.

5) Explore the metals and non-metals found in smartphones And find out how they help the phone work properly.

6) Find out different ways to maintain a healthy digestive system. Suggest some food items that help to maintain good digestive Health. Make a report

INSTRUCTIONS: Draw diagrams and Charts where ever needed

SOCIAL SCIENCE

Learning today,
Leading tomorrow.
😊

HOMEWORK

Dear Students,
Explore, Learn and Express! ❤️

Complete the following homework in your Geography
and History notebook.

Do your best
and make it
creative! ★

1. GEOGRAPHICAL DIVERSITY OF INDIA

India is a land of amazing geographical diversity.
Create a colorful project on it.

Include the following points:

- ✓ The Northern Mountains
- ✓ The Northern Plains
- ✓ The Peninsular Plateau
- ✓ The Indian Deserts
- ✓ The Coastal Plains
- ✓ The Islands (Andaman & Nicobar, Lakshadweep)
- ✓ Major Rivers and their importance
- ✓ How this diversity influences the climate, lifestyle, culture and occupation of people.

Instructions:

- Use maps, pictures, drawings and colors.
- Make it neat, creative and informative.

2. FROM RULERS TO THE RULED

Our History chapter 'From Rulers to the Ruled' shows how power changed hands and how people's lives were affected.
Prepare a well-organized project.

Include the following:

- 🏰 Different rulers and dynasties mentioned in the chapter
- 🏰 How the rules and policies affected the common people
- 🏰 The role of administration and revenue system
- 🏰 Resistance and rebellions by the people
- 🏰 What we learn from this period
- 🏰 Timeline of important events

Instructions:

- Use diagrams, flowcharts, pictures and your own illustrations.
- Be neat, creative and original.

General Guidelines: ★ Do your own work ★ Use A4 sheets ★ Maintain neatness ★ Submit on or before:

History teaches us,
Geography connects us! ❤️

Date:

PHYSICAL EDUCATION

Written Work (Long Answer):

1. Write a detailed answer (120–150 words):

“Role of Yoga and Balanced Diet in Physical Fitness”

→ Explain how both are important together

Yoga Practical:

Practice daily:

- Surya Namaskar (4 rounds)
- Trikonasana
- Vajrasana
- Anulom Vilom (5 minutes)

Write a **reflection** (6–8 lines for 7 days):

- Changes you noticed in body or mood
- Difficulty level

Activity Task:

- Prepare a **short project (2 pages)**:
 - Benefits of Surya Namaskar
 - Include simple drawings or steps

ART EDUCATION

- Draw **any 3 objects** (bottle, cup, fruits, etc.)
- Show **light and shadow using pencil shading**
- Focus on neatness and proportion

Create **2 full-page compositions**:

- Nature scenery (mountains, river, sunset)
- Village life / Rainy day / Park scene

Make **any 2 posters** with slogan:

- Save Environment
 - Save Water
 - Say No to Plastic
 - Health & Hygiene
- Create **1 artwork** in any Indian folk style:
 - Warli
 - Madhubani
 - Gond

MUSIC

English:

Identify sounds and differentiate between:

Tat Vadya

Ghan Vadya

Tantra Vadya

Sushir Vadya

Make a chart on these categories.

Make your own musical instrument and identify its category.

Play it and make a proper video explaining your invention.

Learn the National Song – Vande Mataram.

हिंदी:

ध्वनियों को पहचानें तथा इनमें अंतर समझें:

तत वाद्य

घन वाद्य

तंत्र वाद्य

सुषिर वाद्य

इन पर एक चार्ट बनाइए।

अपना स्वयं का वाद्य यंत्र बनाइए और बताइए कि वह किस श्रेणी में आता है।

उसे बजाकर अपने आविष्कार का विवरण देते हुए वीडियो बनाइए।

राष्ट्रीय गीत - वंदे मातरम् सीखें।



7th Class Holiday Home Work

Artificial Intelligence

(2025-26)

Q.1 Write all following question in your AI notebook with answers.

Multiple Choice Questions

1. Intelligence is:
(a) the ability to think
(b) to learn from experience
(c) to use our knowledge to deal with new situations
(d) all the above
2. Animals possess:
(a) no intelligence
(b) natural intelligence
(c) artificial intelligence
(d) none of the above
3. Artificial Intelligence aims to:
(a) make humans more intelligent
(b) develop intelligent machines
(c) make machines in order to overpower humans
(d) make machines that would rule our planet
4. Which of the following is an example of Artificial Intelligence?
(a) Google home
(b) Alexa
(c) Siri
(d) all the above
5. Which of the following is an advantage of artificial intelligence?
(a) takes less time to solve problems
(b) efficient in multi-tasking
(c) capable of good so...

