

पीएम श्री केन्द्रीय विद्यालय कोंडागाँव

शरदकालीन अवकाश सभी कक्षाओं के लिए विषयवार गृहकार्य 2025-26

कक्षा 6 हिन्दी

1. घर के किसी बड़े से एक लोककथा या किस्सा सुनकर अपनी भाषा में लिखिए। (70–80 शब्द)
2. अपने गाँव/शहर के किसी पेड़ या जानवर का चित्र बनाकर उसके बारे में लिखिए। (40–50 शब्द)
3. घर में किसी कार्य (जैसे पौधों को पानी देना) में सहयोग करके उस अनुभव को लिखिए। (50–60 शब्द)
4. "मेरे मित्र के जीवन का एक दिन" विषय पर छोटा अनुच्छेद लिखिए। (70–80 शब्द)
5. "मेरे सपनों का विद्यालय" विषय पर लेख लिखिए। (80–90 शब्द)

ENGLISH

1) Paragraph Writing

Write a paragraph on "My Favourite Season and Why" (80–100 words).

2). Notice Writing – Write a notice about a "Poetry Recitation Competition" to be held in your school after the break. (50 words)

3) Fun Activity

Make a creative bookmark with a motivational English quote written on it. Decorate it neatly.

MATHS

1. Working and non-working model
2. DPP (Daily Practice Problems Sheets)
3. Prime Time (Chapter - 5) - Do all activities

SOCIAL SCIENCE

1. Write a short story (80–100 words) imagining yourself as a child in a village where Panchayati Raj has solved a problem.
2. Draw and colour any one ancient monument and write 4–5 lines about it.
3. Write a short note (6–8 lines) on any one famous ruler from early Indian history.

SCIENCE

1. Materials Around Us

Activity: Collect 5 objects from your surroundings (plastic bottle, metal spoon, wooden stick, glass, stone).

Classify them into: Metals, Non-metals, Natural, Man-made.

Question: Why do you think utensils are made of metal but not of wood or plastic?

2. Temperature & Its Measurement

Activity: Place a thermometer in (a) fridge, (b) sunlight, (c) room. Note the temperature after 10 minutes.

Question: Why do we feel hotter when the thermometer is 35°C than at 25°C?

3. A Journey Through States of Water

Activity: Take an ice cube in a bowl and observe after 15 minutes. Then heat the water gently (with parent help).

Record the changes of Solid → Liquid → Gas.

Question: What would happen if water never changed or vaporized?

4.Methods of Separation

Activity: Mix salt and sand in a small bowl. Try to separate them using any method you know (filtration, evaporation, etc.).

Write the steps.

Question: Why can't we use a magnet to separate salt and sand?

5.Living Creatures

Activity: Observe an insect or small creature near your e. Draw it and write:

How does it move?

What does it eat?

संस्कृत

- 1- बालक, बालिका शब्दरूपाणि स्मरन्तु लिखन्तु ।
- 2- पठ्, लिख् धातु रूपाणि लट्लकारे, लोट्लकारे स्मरन्तु लिखन्तु च।
- 3- 1-20 पर्यन्तम् सङ्ख्यानि स्मरन्तु लिखन्तु च।
- 4-संस्कृत भाषायां प्रतिज्ञा स्मरन्तु लिखन्तु च।
5. अपने दैनिक जीवनचर्याया: (Daily Routine) का वर्णन ५-७ वाक्यों में संस्कृत में कीजिए।
(उदाहरण – प्रातः अहं प्रार्थनाम् पठामि। ततः विद्यालयं गच्छामि। इत्यादि।)

Artificial intelligence (AI)

1. Write in your own words – What is **Intelligence**? Give 2 real-life examples.
2. List **3 AI domains** and match them with real-world apps (ex: Healthcare → Diagnosis).
3. Differentiate **AI vs. Machine Learning** with 1 example each.
4. Think like a computer – explain how you brush your teeth in **step-by-step commands**.
5. Write 2 simple Python programs (example: sum of two numbers, check even/odd).

हिन्दी - कक्षा 7

1. दादी/नानी से कोई लोकगीत सीखकर उसकी 4 पंक्तियाँ लिखिए। (30–40 शब्द)
2. अपने घर या मोहल्ले के किसी बुजुर्ग का 5 प्रश्न-उत्तर वाला लघु साक्षात्कार लिखिए। (70–80 शब्द)
3. किसी घरेलू वस्तु (जैसे घड़ी/पंखा) पर छोटा संवाद लिखिए। (80–90 शब्द)
4. "यदि मैं पक्षी होता/होती" पर कल्पना-प्रधान अनुच्छेद लिखिए। (90–100 शब्द)
5. किसी मित्र से बातचीत करके 'मित्रता' पर छोटा लेख लिखिए। (100–120 शब्द)

ENGLISH

1) Paragraph Writing

Write a paragraph on "My Favourite Season and Why" (80–100 words).

2). Notice Writing – Write a notice about a "Poetry Recitation Competition" to be held in your school after the break. (50 words)

3) Fun Activity

Make a creative bookmark with a motivational English quote written on it. Decorate it neatly.

MATHS

1. Working and non-working model
2. DPP (Daily Practice Problems Sheets)
3. Chapter - Expressions using letters and numbers - Do all activities

SOCIAL SCIENCE

1. Imagine you belong to a tribal group in the past. Write a diary entry (100 words) describing your daily life.
2. Write 5 lines of a small prayer or poem inspired by devotion and decorate the page with simple symbols.
3. Write a report (100 words) on any one important change that took place in India in the 18th century.

SCIENCE

Heat Transfer in Nature

Activity: Place a steel spoon in a cup of hot tea and touch the other end after a few minutes.

- Q1. What do you observe?
- Q2. Which type of heat transfer is shown here?
- Q3. Give two more examples of this process in daily life.

2. Measurement of Time & Motion

Activity: Use a pendulum (tie a stone to a string) and let it swing. Count how many swings it makes in 30 seconds.

- Q1. How can you calculate the time period of one swing?
- Q2. Why do we use a pendulum in clocks?

3. Life Processes in Animals

Activity: Count your breathing rate (breaths per minute) while sitting calmly, then after doing 20 jumps.

Q1. What difference do you observe?

Q2. Why does the rate change after exercise?

4. Light, Shadow & Reflection

Activity: Place a candle and an opaque object (book/toy) in front of a wall.

Observe the shadow

Q1. How does the shadow change if you bring the object closer to the candle?

Q2. Why do shadows look longer in the morning and evening but shorter at noon?

5. Earth, Motion & the Sun

Activity: Observe the shadow of a stick (or tree) at 9 AM, 12 Noon, and 3 PM.

Record the length and direction.

Q1. At what time is the shadow shortest? Why?

Q2. How does this activity prove that the Earth rotates?

संस्कृत

1- लिख्, वद्, गम् धातु रूपाणि लट्लकारे, लङ्लकारे, लोट्लकारे, लृट्लकारे च स्मरन्तु लिखन्तु च ।

2- बालक, बालिका, नदी शब्दरूपाणि स्मरन्तु लिखन्तु च।

3-संस्कृत भाषायां प्रतिज्ञा स्मरन्तु लिखन्तु च।

4- संस्कृत श्लोक (5) स्मरन्तु

6-अपने नगर/ग्रामे (शहर या गाँव में) देखे जाने वाले 5 प्राकृतिक दृश्यों (वृक्षः, नदी, पक्षी, सूर्यः, पुष्पाणि इत्यादि) का वर्णन संस्कृत शब्दों में कीजिए।

Artificial intelligence (AI)

1. Write **5 daily life uses of AI** (ex: Google Maps, Alexa).
2. Explain “**Thinking like a computer**” with an everyday activity (ex: making tea).
3. Write about **AI and Visuals** (example: Face Unlock).
4. Write about **AI and Human Language** (example: Chatbot).
5. Write 2 simple Python programs (example: multiplication table, area of rectangle)

हिन्दी - कक्षा 8

1. "जल संरक्षण" पर अपने गाँव/मुहल्ले में लोगों से पूछकर छोटा अनुभव लेख लिखिए। (120–130 शब्द)
2. घर में माता-पिता के एक दिन का अवलोकन करके लिखिए। (100–110 शब्द)
3. दो मित्रों के बीच "मोबाइल का उपयोग" पर संवाद लिखिए। (120–130 शब्द)
4. अपने प्रेरणादायी चरित्र पर अनुच्छेद लिखिए। (100–120 शब्द)
5. गाँव/शहर की किसी समस्या (कचरा/प्रदूषण) का समाधान लिखिए। (120–140 शब्द)

ENGLISH

1. Diary Entry

Situation: You missed your school annual function due to illness. Write a diary entry expressing your disappointment and feelings. (100 words)

2. Story Writing

Beginning: "It was raining heavily when I heard someone knocking at the door..." (Write a short story in 120–150 words)

Grammar Tasks Write 10–15 questions for practice:

1. Tenses

Fill in the blanks with correct verb forms: (5sen

Ex -a) She ____ (read) a book when I saw her. b) They ____ (play) cricket since morning.

2. Subject-Verb Agreement

Choose the correct form:

Ex- a) Each of the players ____ (is/are) ready. b) Neither of them ____ (has/have) completed the work.

3. Modals

Fill in the blanks with suitable modals:

Ex-a) You ____ (must/should) follow traffic rules. b) I ____ (can/might) solve this problem easily.

MATHS

1. Working and non-working model
2. DPP (Daily Practice Problems Sheets)
3. Chapter - A Story of Numbers - Do all activities

SOCIAL SCIENCE

1. Write a diary entry as if you are a woman in the 19th century who has just joined a school after social reform.
2. Make a poster in your notebook on the slogan "Do or Die" with 3 points explaining its importance.
3. Write 8–10 lines on one major challenge India faced just after independence.

SCIENCE

1. Pressure, Winds, Storms & Cyclone

Activity: Fill two balloons with equal air and place them side by side, then blow air between them. Observe what happens.

Q1. Why do the balloons move closer when air is blown between them?

Q2. How is this related to wind movement in cyclones?

2. Particulate Nature of Matter

Activity: Mix a spoon of salt in a glass of water. It dissolves but the water level does not rise.

Q1. Where do the particles go?

Q2. What does this tell us about the nature of matter?

3. Nature of Matter

Activity: Keep an opened bottle of perfume in one corner of a room. After some time, the smell is felt in the whole room.

Q1. Why does this happen?

Q2. How does this prove that matter is made of tiny mo particles?

4. Solute, Solvent & Solution

Activity: Prepare lemonade by mixing sugar, salt, and lemon juice in water.

Q1. Identify the solute and solvent in this solution.

Q2. What type of solution is this - solid in liquid, liquid in liquid, or gas in liquid?

5. Mirror: mirrors and lenses

Activity: Place a coin in a bowl, cover it with a plate so that you cannot see it. Slowly pour water. Suddenly the coin becomes visible.

Q1. Which property of light does this activity show?

Q2. Give two more examples from daily life where this property is seen.

6. Keeping Time with the Skies

Activity: Observe the Moon for 5 days and draw its shape daily.

Q1. Why does the shape of the Moon keep changing?

Q2. How did ancient people use the sky to measure time?

7. How Nature Works in Harmony

Activity: Write 3 examples from your surroundings where plants, animals, and humans depend on each other.

Q1. Why is balance in nature important?

Q2. What will happen if forests disappear?

8. Our Home Earth - A Unique Life-Sustaining Planet

Activity: Make a list of 5 features that make Earth different from other planets (like water, oxygen, soil, etc.).

Q1. Which one do you think is the most important for life and why?

Q2. How can we connect Earth's resources for the future?

8. Our Home Earth - A Unique Life-Sustaining Planet

Activity: Make a list of 5 features that make Earth different from other planets (like water, oxygen, soil, etc.).

Q1. Which one do you think is the most important for life and why?

Q2. How can we protect Earth's resources for the future?

संस्कृत

1 – अस्, भू, धाव्, खाद्, पिब् धातु रूपाणि लट्लकारे, लङ्लकारे, लोट्लकारे, लृट्लकारे विधिलिङ्लकारे च स्मरन्तु लिखन्तु च।

2 मुनि, साधु, बालक, बालिका, तत्, किम् शब्दरूपाणि स्मरन्तु लिखन्तु च।

3- संस्कृत भाषायां प्रतिज्ञा स्मरन्तु लिखन्तु च।

4- संस्कृत श्लोक (5) स्मरन्तु।

5. अपने घर में प्रयोग होने वाली १० वस्तुओं (जैसे – पुस्तकः, दर्पणः, पटलः, कलशः, लेखनी इत्यादि) के नाम संस्कृत में लिखिए और उनका चित्र बनाइए।

Artificial intelligence (AI)

1. Explain **Excite, Relate, Purpose, Possibilities** with real examples of AI.
2. Write 3 **AI Ethics rules** (fairness, transparency, privacy).
3. Give 3 examples of **AI in daily life** (health, education, shopping).
4. Write 2 Python programs (list sum, simple calculator).
5. Prepare a short note – “**How AI will help in my future career**”.

हिन्दी - कक्षा 9

1. किसी बुजुर्ग से उनके बचपन के अनुभव जानकर लिखिए। (140–160 शब्द)
2. "सोशल मीडिया: लाभ या हानि" पर संक्षिप्त निबंध लिखिए। (180–200 शब्द)
3. "मैंने जो गलती की और उससे क्या सीखा" पर आत्मकथात्मक लेखन कीजिए। (150–170 शब्द)
4. अपने परिवार/मित्रों के बीच सर्वे करिए: "सबकी पसंदीदा पुस्तक/फिल्म" और परिणाम लिखिए। (120–140 शब्द)
5. किसी समसामयिक मुद्दे (स्वच्छता/शिक्षा/प्रदूषण) पर निबंध लिखिए। (200–220 शब्द)

ENGLISH

Q1) Letter Writing: One out of two letters (formal/informal/email) in not more than 120-150 words based on verbal stimulus and context provided.

Types of letters:

Q. 2. Writing an article, or speech based on visual or verbal stimulus in not more than 120 words (one out of two).

Q3 . Writing a short composition in the form of dialogue writing/story or report of minimum 80 words

MATHS

1. Working and non-working model
2. DPP (Daily Practice Problems Sheets)
3. Triangles - Do all book questions

SOCIAL SCIENCE

1. Draw a simple bar graph in your notebook of India's population growth (use textbook data) and write 3 lines on what it shows.
2. Write a short note (100 words) on how a law is passed in Parliament.
3. Imagine you are a tribal person under British rule. Write a short letter to the Collector describing your problems.

SCIENCE

1. make notes of chapter animal tissue and complete the remaining part.
2. Solve the sample paper of each chapter in your notebook.

संस्कृत

Artificial intelligence (AI)

1. Write 5 basic **Python programs** (sum, average, swap numbers, square, factorial).
2. Show examples of **data types & operators** in Python.
3. Write 2 programs using **if–else** (ex: greatest number, pass/fail).
4. Write 2 programs using **loops** (ex: multiplication table, sum of 1–10).
5. Practice 3 programs for **Practical Exam** (list, conditions, arithmetic).

Social Science Class X

1. Imagine you joined the Salt March in 1930. Write a diary entry (120 words) about your experience.
2. Prepare a simple chart of any 3 industries in India, their location, and one product of each.
3. Choose any 2 political parties from your textbook and write 5–6 lines each comparing their ideologies.

Instructions for All Classes

- All work should be done in the Social Science notebook.
- Use neat handwriting and add simple drawings/diagrams wherever possible.
- Be original and creative.

Wishing you a joyful and productive Autumn Break!

Artificial intelligence (AI)

1. Collect 5 real-life examples of **Statistical Data** (sports scores, marks, weather).
2. Create one **Bar/Line Chart** in Excel/Python using data of your choice.
3. Write 2 Python programs using **statistics module** (mean, median, mode).
4. Explore **Advanced Python**: Write program for list sorting & dictionary usage.
5. Prepare 2 Python programs for **Practical Exam** (data analysis + condition).