

पीएम श्री केंद्रीय विद्यालय केलांग
शरदकालीन अवकाश गृहकार्य (TERM- 2)

15 अक्टूबर से 25 अक्टूबर तक

MDP- बेटी बचाओ बेटी पढ़ाओ (SAVE DAUGHTER, EDUCATE DAUGHTER)

• **ENGLISH**

1. Imagine that you are a journalist. You have been asked to interview the Sarpanch of a village on the topic "Beti Bachao, Beti Padhao". Write ten questions you wish to ask.
2. Write TEN Slogans on the topic, "Beti Bachao, Beti Padhao".
3. Write biography about any three successful women who have made their mark in various fields.

• **HINDI**

1. "बेटी बचाओ बेटी पढ़ाओ" इस शासकीय योजना का वर्णन कीजिए.
2. 'देश की कीर्ति देश की बेटी' इस विषय के अन्तर्गत 1) कल्पना चावला 2) पी.वी. सिंधु 3) सायना नेहवाल इनके बारे में जानकारी संकलित करें और लिखें.
3. स्त्री शिक्षा इस विषय पर निबंध लिखिए.

• **SANSKRIT**

1. 'मेरी माता' इस विषय पर निबंध लिखें (संस्कृत में).
2. स्त्री का महत्त्व बतलाते हुए 5 श्लोकों का अर्थ के साथ संग्रह करें.
3. बालक शब्द अकारान्त पुल्लिङ्ग 'रमा' स्त्रीलिङ्ग शब्द के रूप लिखें.

- **MATHEMATICS**

1. Draw bar graph showing no of girls in various state (Maharashtra, Kerla, Hariyana, Utter Pradesh, Tripura and Himachal pradesh) of india per 1000 boys as per 2011.
2. Our Government contributes 250000000 for girls education each year then find out the total contribution of government in 6 consecutive year.
3. If Alok saves 1200 Rs each year from the birth of his daughter Asha for 24 years then calculate the total money save by him when his daughters becomes 25 years old.

- **S1CIENCE**

- 1.What is the new name of Beti Bachao, Beti Padhao?
2. What are the objectives of Beti Bachao, Beti Padhao?
- 3.Who Started Beti Bachao Abhiyan?

- **SOCIAL SCIENCE**

1. Write a note on 'BETI BACHAO, BETI PADHAO YOJNA'.
2. Why do you think that educating girls is must in today's scenario?
3. Write about your mother and her works of daily life. Also tell why is your mother so important for you.

कला एकीकृत प्रोजेक्ट (हिन्दी), कक्षा-छठी (पाठ

- मैया मैं नहीं माखन खायौ)

1. **शिल्प कला (बर्तन और छीका निर्माण):**
 - मिट्टी के छोटे से बर्तन या कागज की सहायता से एक छोटा सा मटका और 'छीका' बनाइए और उसे अपनी प्रोजेक्ट फाइल के साथ सजाकर प्रस्तुत कीजिए।

2. चित्रकला (Drawing - दूध से घी बनाने की प्रक्रिया):

- गाय से दूध निकालने से लेकर मथानी से मक्खन निकालने और अंत में घी बनने तक की पूरी प्रक्रिया को 3-4 छोटे चित्रों के माध्यम से अपनी फाइल में दर्शाइए।

3. पारिवारिक वस्तुएँ

- पाठ में आई पुरानी घरेलू वस्तुएँ (जैसे- मथानी, सिलबट्टा, सूप या पंखी) में से किसी एक का चित्र बनाकर उसका नाम लिखिए।
- पुनरावृत्ति कार्य : टर्म -2 के पढ़ाए गए पाठों का दोहराव करें ।

English Holiday Homework

(Autumn Break)

1. Reading: Read two pages daily in English.
2. Writing: Write any two stories.
3. Revision: Learn all your classwork.
4. MDP: Complete the Multidisciplinary Project.
5. Speaking Activity: Conduct an interview with your parents and present it in English.

Class 6TH |

Mathematics

Name: _____ Section: _____ Roll No.: _____

Instructions: Attempt 4 questions each day. Question 1 is a basics question to strengthen your foundation; read the Remember line first.

Write neatly in a notebook, show all steps, and use a ruler and pencil for figures.

Day 1: Thursday, 15 October

Whole Numbers and Place Value

Remember: In the Indian system, places go Ones, Tens, Hundreds, Thousands, Ten Thousands, Lakhs, Ten Lakhs, Crores.

Q1. Basics: Write the tables of 6, 7 and 8 up to 12 from memory.

Q2. Write 4,56,78,321 in words and give the place value of the digits 5 and 7.

Q3. Write the predecessor and successor of 99,999 and of 1,00,000.

Q4. Arrange in descending order: 45,082; 45,820; 4,582; 54,028. Then form the greatest and smallest 5-digit numbers using the digits 3, 0, 7, 5, 9 (no repetition).

Day 2: Friday, 16 October

Fractions

Remember: A fraction is numerator/denominator. To add or subtract fractions, first make the denominators equal.

Q1. Basics: Draw a rectangle divided into 8 equal parts with 3 parts shaded. Write the shaded part as a fraction.

Q2. Convert $17/5$ into a mixed fraction and $3\frac{2}{7}$ into an improper fraction.

Q3. Arrange in ascending order: $3/4$, $5/6$, $2/3$.

Q4. Find $2/3 + 3/4$ and $5/6 - 1/4$.

Day 3: Saturday, 17 October

Playing with Numbers

Remember: A prime number has exactly two factors: 1 and itself. 1 is neither prime nor composite.

Q1. Basics: Write all the factors of 36 and the first six multiples of 9.

Q2. Test the number 3,456 for divisibility by 2, 3, 4, 6 and 9.

Q3. Find the prime factorisation of 84 and of 120.

Q4. Find the HCF and LCM of 24 and 36.

Day 5: Monday, 19 October

Integers

Remember: On a number line, numbers increase towards the right. Adding a negative number moves you to the left.

Q1. Basics: Draw a number line from -6 to 6 and mark -4, 0, 3 and -1.

Q2. Find: $(-7) + 12$, $(-5) + (-8)$, $9 - (-4)$.

Q3. Arrange in ascending order: -3, 5, -8, 0, 2.

Q4. The temperature at 6 am is -3°C . It rises by 7°C by noon and falls by 5°C by evening. What is the evening temperature?

Day 7: Wednesday, 21 October

Decimals

Remember: Line up the decimal points when adding or subtracting decimals.

Q1. Basics: Write as decimals: $3/10$, $45/100$, $7/1000$. Then write 0.6 and 0.25 as fractions.

Q2. Find: $12.45 + 3.8 + 0.075$ and $15.2 - 8.67$.

Q3. Find: 3.6×10 , 4.25×100 , $25.6 \div 10$, 2.5×4.2 .

Q4. Ria bought 2.5 m of cloth at ₹48.50 per metre. How much did she pay?

Day 8: Thursday, 22 October

Basic Geometry and Mensuration

Remember: Perimeter of rectangle = $2(l + b)$, area = $l \times b$. Perimeter of square = $4a$, area = $a \times a$.

Q1. Basics: How many sides do a pentagon, hexagon and octagon have? Write the degree measure of a right angle, a straight angle and a full turn.

Q2. Find the perimeter and area of a rectangle $12\text{ cm} \times 8\text{ cm}$ and of a square of side 9 cm .

Q3. Draw an angle of 70° using a protractor. Classify the angles 35° , 90° , 120° and 180° as acute, right, obtuse or straight.

Q4. A square park of side 25 m is fenced with 3 rounds of wire. Find the length of wire needed.

Day 9 & 10: Friday, 23 October & 24 October

Do your other activity related works like MDP, Art integrated Project, Learner's Diary etc.

Happy Holidays and Happy Dussehra!

Note: Do holidays' homework in a file or holiday's homework notebook separately.

Holidays Homework

Autumn break

Science -VI

1. Read and learn all the lessons from 7 to 10.

2. Read and write one page each about any three given scientists of India.
Also paste their pictures. You can draw the picture.

- a) Dr. Homi j. bhabha
- b) Dr. C. V. Raman
- c) Jagdish Chandra Bose
- d) Srinivasa Ramanujan
- e) Dr. A.P.J. Abdul kalam

(विषय: - संस्कृतम्)

- 1) निम्नलिखित नाट्यांशम् पठित्वा छात्रा स्वयमेव प्रश्नोत्तराणि चित्वा
लिखन्तु? (निम्नलिखित नाट्यांश को पढ़कर दिए गए प्रश्नों के उत्तर चुनकर
लिखें?)

श्रद्धा – अत्र वृक्षस्य उपरि शुकः अस्ति। सः अपि
हरितवर्णेन शोभते।

शिक्षकः – श्रद्धे! तव इष्टवर्णः हरितः इति चिन्तयामि।
अत एव हरितवर्णम् एव पश्यसि खलु।

मेधा – आचार्य! अत्र काकः अपि अस्ति, यस्य वर्णः
कृष्णः। एवं पिकस्य अपि वर्णः कृष्णः।

शिक्षकः – आम्। उत्तमं निरीक्षणं भवत्याः। छात्राः
पश्यन्तु, अत्र पुष्पाणि अपि सन्ति। मनीषः
पश्यतु जपापुष्पम्। वदतु, अस्य वर्णः कः?

मनीषः – रक्तवर्णः आचार्य! शुकस्य चञ्चुः अपि
रक्तवर्णा। पाटलपुष्पम् अपि रक्तवर्णेन युक्तम्।

क) एकपदेन प्रश्नानि लिखन्तु?(त्रीणि प्रश्नानि)

ख) संज्ञापदानि चित्वा लिखन्तु?(पञ्च)

ग) सर्वनामपदानि चित्वा लिखन्तु?(त्रीणि)

घ) अव्ययपदानि चित्वा लिखन्तु?(पञ्च)

ड.) क्रियापदानि चित्वा लिखन्तु?(पञ्च)

च) वर्णानां नामानि चित्वा लिखन्तु?(त्रयः)

2). कक्षायाम् पाठात् कारयिताः सर्वेषाम् वर्णानां नामानि लिखन्तु स्मरन्तु

च?(कक्षा में करवाये गए सभी रंगों के नाम लिखें और याद करें?)

3). अतिथयः सत्कारम् गृहे कथं क्रियते। पञ्च वाक्यानि लिखन्तु?(घर पर अतिथि का सत्कार कैसे किया जाता है, कोई पांच वाक्य संस्कृत में लिखें?)

4)“अतिथिदेवो भव” पाठात् चित्वा सर्वाणि अव्यय पदानि चित्वा लिखित्वा च स्मरणम् कुर्वन्तु?(इस पाठ में से सभी अव्यय पदों को चुनकर लिखे और याद करें?)

SOCIAL SCIENCE

1)Write about festivals celebrated in India which is based on agriculture ?

2) Complete LD of chapter 12 and question answer of chapter 12 ?

3) revise chapter 9, 10,11,12 for PT -2

ARTIFICIAL INTELLIGENCE CLASS 6

Activity 1: AI Around Me

Identify any five applications or devices that use AI in everyday life. Complete the table.

AI application/device

How does it help us?

Example: Voice
assistant

commands

Answers questions using voice

- 1.
- 2.
- 3.
- 4.
- 5.

Activity 2: Human Intelligence vs Artificial Intelligence

Write any four differences between human intelligence and artificial intelligence. Give two examples of tasks that humans can perform particularly well and two tasks where AI can be useful.

Activity 3: AI Poster

Prepare a colourful poster on the topic “Artificial Intelligence: A Smart Helper in Our Daily Life.” Include at least four real-life applications and one message about responsible AI use.

Activity 4: Data Collection

Conduct a small survey of 10 people about their preferred mode of learning: books, videos, or interactive activities. Record the results in a table and draw a bar graph.

Activity 5: Think and Answer

1. Can a machine think and feel exactly like a human? Explain your answer.
2. Why should we verify information generated by AI?
3. Mention three rules for staying safe online.

SUBJECT – ART EDUCATION

CLASS -6TH

MAKE 02 BEAUTIFUL STONE PAINTING WITH ACRYLIC COLOUR .

