

A vibrant, cartoon-style illustration of a beach scene. In the background, there are several beach umbrellas in red and white, red and yellow, and blue and white. Palm trees with green fronds are scattered around. The sky is a mix of orange and yellow, suggesting a sunset or sunrise. In the foreground, there's a sandy beach with a few seashells. The word 'SUMMER' is written in large, colorful, 3D block letters. The overall theme is summer and vacation.

**DAV Public School**

**Gole Market**

**Class - VI**

**Holiday Homework**

**2025-2026**

**SUMMER**

# Social Science

1) Design a quiz or a game to actively engage users in exploring and understanding the solar system.

2) Make any one 3' Dimensional tool of an early man and mention for which activity was it used?

Or

Create a piece of jewellery inspired by the Early Man period using natural or recycled materials such as beads, stones, feathers, twine, or shells. Use your creativity to design it the way early humans might have, and label the materials used.

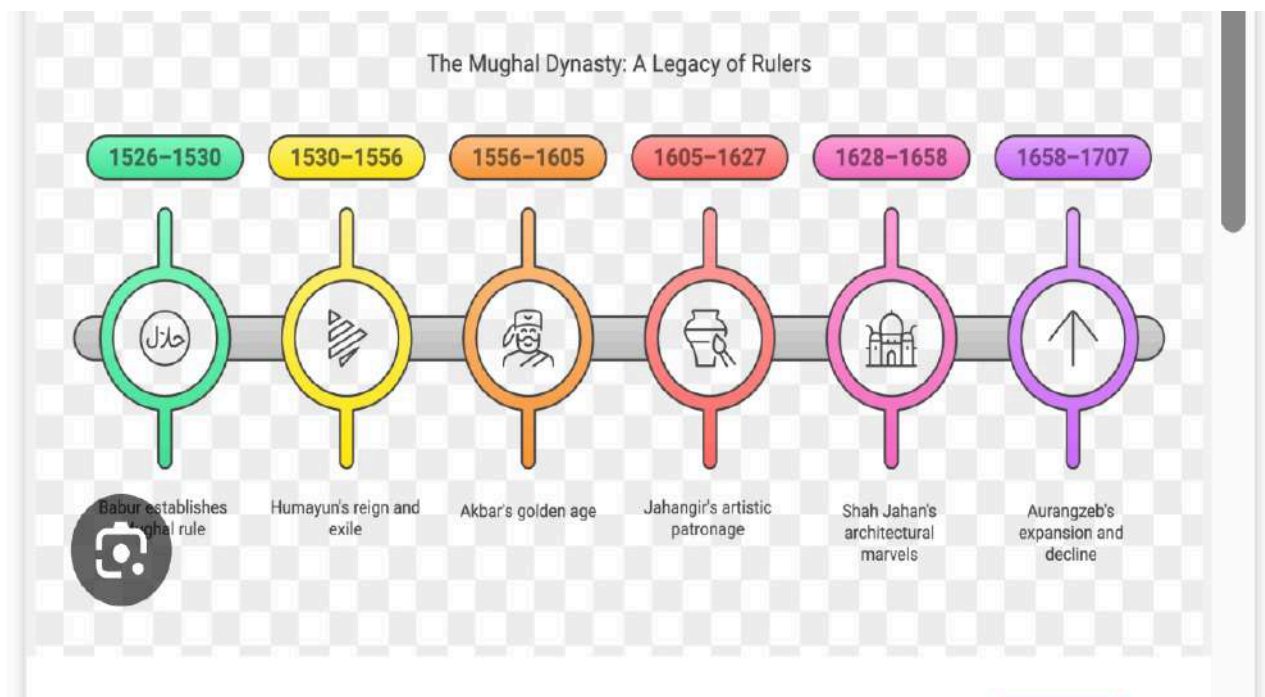
3) On a political map of India, mark 5 states where solar energy production is the highest. Write about any solar park in India.

4) Design a timeline chart that traces the transition of power in Magadh — from Bimbisara to Ashoka. Mention one key event under each ruler.

How to Draw It:

1. Draw a horizontal line across the page.
2. Mark time points along the line.
3. At each point, label the dynasty, rulers, and one icon/symbol (like a crown or sword).
4. Add dates and colour-codes of each dynasty.

## EXAMPLE



**Note: All this work will be assessed as part of the internal assessment.**

# हिंदी

१. सौर उत्पाद बेचने के लिए सुंदर विज्ञापन तैयार कीजिए ।

२- आप प्रकृति की गोद में बसे सुंदर राज्य 'सिक्किम' के पर्यटन स्थल नाथुला दर्रा ,गुरुडोंगमार झील ,युमथांग घाटी ,रूमटेक मठ के बारे में चित्र सहित जानकारी एकत्रित करें ।

३- हिंदी समाचार -पत्रों में प्रकाशित बाल -कविताओं का संकलन कीजिए ।

४- ' विक्रम और बेताल' की कहानियां पढ़िए तथा किसी एक कहानी को अपने शब्दों में लिखिए ।

नोट - उपरोक्त दिया गया सभी कार्य ए- 4 साइज़ शीट पर कीजिए ।



# ENGLISH

**Q1 Write a short story titled “The Day the Sun Forgot to Shine” (150–200 words). Describe how the world reacts, and how people realize the importance of solar energy.**

**Q2 Read the novel *The Blue Umbrella* by Ruskin Bond and write a short paragraph describing the main message of the story. Also, mention how the characters show kindness and selflessness through their actions.**

**(Word limit: 100–150 words)**



**Q3 Project Work Based on the Chapter: A Helpful Young Man**

**Question:**

**Create a character diary for the young man in the story *The Helpful Young Man*. Imagine you are a young man and write 3 diary entries describing the events of the day when you helped the old man (his father). Include your feelings, thoughts, and reasons for helping him.**

**Instructions:**

- **Decorate your diary creatively (you may design a cover page).**
- **Use simple language and express emotions clearly.**
- **You may add illustrations or quotes about kindness.**



# MATHEMATICS

## Holiday Homework class 6

Q1. The following table shows the number of solar-powered lamps sold by a shop in six months:

MONTH	NUMBER OF SOLAR LAMPS SOLD
JANUARY	50
FEBRUARY	65
MARCH	80
APRIL	70
MAY	90
JUNE	100

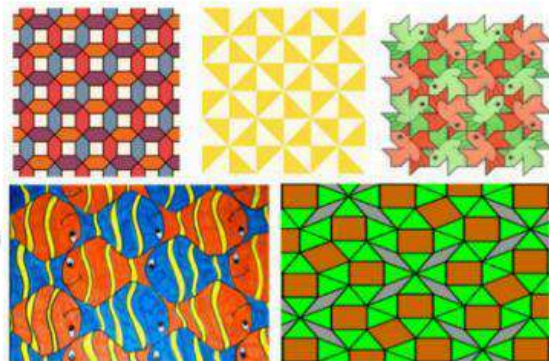
Your Task:

- 1) Draw a bar graph to represent the data.
  - Label the X-axis as "Months"
  - Label the Y-axis as "Number of Solar Lamps Sold"
- 2) Use equal width bars with equal spacing.
- 3) Answer the following questions:
  - a) In which month were the most solar lamps sold?
  - b) What is the total number of solar lamps sold in 6 months?
  - c) Find the average number of lamps sold per month.
  - d) How many more lamps were sold in June than in January?



## Q2. KNOWING TESSELLATIONS

Create/Draw a unique shape on an A4 size sheet that you can trace over and over again on paper for an intricate and creative tessellation design! Examples have been shared here:



## Q3. Mental Math

In each box, choose a sign: +, -, x, ÷ or = to make the calculation correct. You can use the same operation more than once!

$$10 \div 2 + 3 = 8$$

$$5 \times 4 = 20$$

$$10 \div 6 = 1 \text{ remainder } 4$$

$$8 = 6 + 2$$

$$9 \times 7 = 63$$

$$9 \times 7 = 63$$

$$3 \times 4 = 12$$

$$11 \times 2 = 22$$

$$24 \div 3 = 8$$

$$5 \times 28 = 140$$

**Assignment 1**  
**Class 6 (Mathematics)**

**I. Solve the Following**

1. List all the factors of 48. Which of these are also factors of 60?
2. Write the first six common multiples of 5 and 7. Which is the Least Common Multiple (LCM)?
3. Find the HCF of 72, 120, and 144 using prime factorization.
4. Using divisibility rules, find whether the number 47616 is divisible by 2, 3, 4, 5, 6, 8, 9, and 10.
5. Check whether the following pairs are co-prime:
  - a) 17 and 68
  - b) 9 and 16
  - c) 27 and 81
6. Find the LCM and HCF of 18 and 30, and verify that:  
 $\text{LCM} \times \text{HCF} = \text{Product of the two numbers}$
7. A gardener plants 36 rose plants and 60 marigold plants in equal rows. What is the maximum number of rows he can have without mixing the two types of plants in any row? How many plants of each type will be in each row?
8. Write the prime factorization of 216 and use it to find all the factors of 216.
9. Find the smallest number which is exactly divisible by all the numbers from 1 to 10.
10. Find two different numbers between 30 and 50 that have exactly 6 factors. Show how you found them.

**Assignment 2**  
**Class 6 (Mathematics)**

**I. Solve the Following Questions**

**1. Fill in the blanks:**

- a)  $-5 + \underline{\quad} = 0$
- b)  $\underline{\quad} - (-3) = 5$
- c)  $0 - 7 = \underline{\quad}$
- d)  $-8 + 4 = \underline{\quad}$

**2. Arrange the following integers in ascending and descending order:**

$-9, 3, 0, -1, 7, -6, -3, -9, 3, 0, -1, 7, -6, -3$

**3. Represent the following integers on a number line:**

- a)  $-4$
- b)  $2$
- c)  $-7$
- d)  $5$

**4. Compare using  $>$ ,  $<$  or  $=$ :**

- a)  $-6 \underline{\quad} -2$
- b)  $-3 \underline{\quad} 0$
- c)  $4 - 7 \underline{\quad} -3$
- d)  $-8 + 5 \underline{\quad} -2$

**5. What is the additive inverse of the following?**

- a)  $-9$
- b)  $6$
- c)  $0$
- d)  $-15$

**6. Simplify the expressions:**

- a)  $-3 + (-4) + 8$
- b)  $5 - (-2) + (-6)$
- c)  $-10 + 3 - (-5)$

**7. Word Problems:**

- a) The temperature in Leh was  $-6^{\circ}\text{C}$ . In Delhi, it was  $12^{\circ}\text{C}$ . What is the difference in temperature between the two cities?
- b) A submarine was situated at  $-250$  meters below sea level. It ascended  $90$  meters and then descended  $40$  meters. What is its new position?

**8. Identify True or False:**

- a)  $-1$  is greater than  $-5$ .
- b) Zero is the greatest negative number.
- c) The sum of two negative integers is a positive integer.
- d) The opposite of  $-7$  is  $7$ .

9. The sum of two integers is  $-4$ . One of them is  $-9$ . Find the other integer.

10. A diver is  $15$  meters below sea level. He descends  $10$  more meters, then rises  $12$  meters. Where is he now?

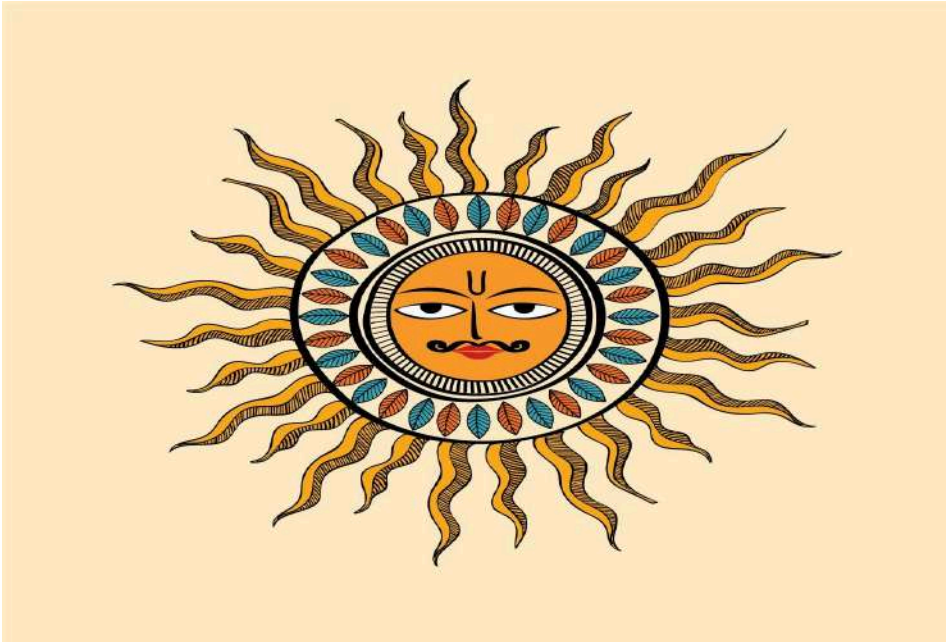
# SANSKRIT

1.”आदर्श विद्यार्थी ” विषय पर संस्कृत में पांच वाक्य बनाइए।

2.” किम् “ शब्दरूप को तीनों लिंगों (पुल्लिंग, स्त्रीलिंग, नपुंसकलिंग) में लिखें व याद करें।

3. कार्यकलाप :- सूर्य☀ देव का चित्र बनाते हुए कोई एक “सूर्य मंत्र” अर्थ सहित लिखें व याद करें।

नोट:- (सभी छात्र यह कार्य ए-4 शीट पर करें।)





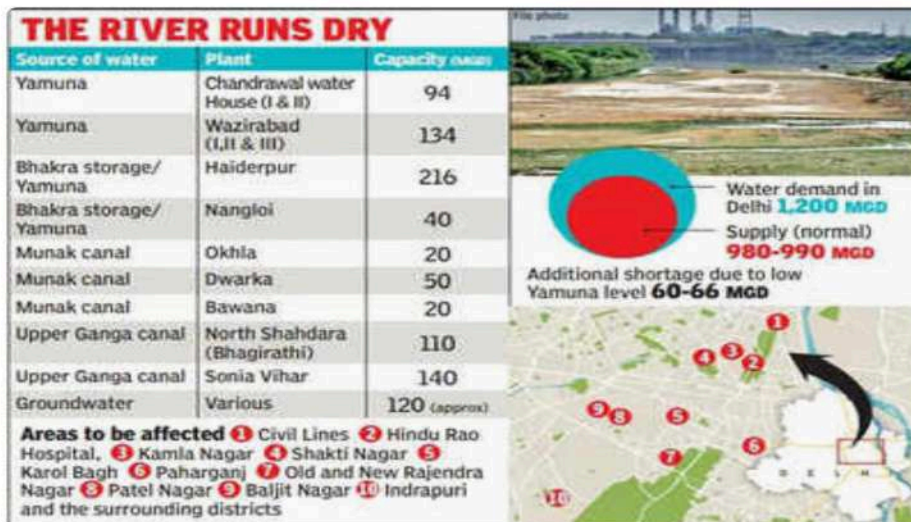
# SCIENCE

Q1 Draw and label your own solar-powered dream home. What would it include?

OR

Design a poster to encourage people to use solar panels. What would your slogan be?

Q2 Once summer sets in, most Indians face water shortage. Underground water and water in wells dry up due to heat. Collect information about the water situation in India from the newspaper. Paste the cuttings on a A4 size sheet. What can you contribute as a student to conserve water? (write at least 5 ways).



Q3 Have you ever wondered how washing machines get clothes so clean? Imagine you have spilled some water and dirt on your clothes. Explain how the spinning action of the washing machine separates the dirty water from clean clothes using centrifugation?

