

English

- Write an application to the principal of your school requesting him to grant you two days leave to attend your brother's/sister's marriage.
- You have found a purse containing some money and papers in your school campus. It has no names. Draft a notice asking the owner to contact you.
- Write a paragraph to visit any hill station in about 80-100 words to share your experience.
- Write 20 antonyms (opposite) and synonyms (similar word) & learn.
- Write 20 verb forms (present form V1, Past form V2 and Past participle form V3) and memorize them.
- Complete all the chapters in your notebook & recall them which have been taught you so far.
- Keep reading one page (story, poem, newspaper etc.) aloud in English everyday.

HINDI

- संगीत और कला का संयोजन हिंदी कविता "मां, कह एक कहानी" को याद करें और इसमें वर्णित कहानी को संवाद रूप में लिखें।
- हिंदी शब्दों से शब्दों का खेल कविता मां, कह एक कहानी में से कोई दस शब्द चुने और उनपर दस वाक्य बनाओ। फिर उन शब्दों का उपयोग कर एक छोटी सी कहानी लिखें।
- हिंदी पत्रिका एक छोटी सी हिंदी पत्रिका बनाए जिसमें कहानी, कविता, चित्रकला, और ग्रीष्मकालीन छुट्टियों के अनुभव आदि शामिल हों।
- प्रिय पुस्तक पर पुस्तक समीक्षा (Book Review) गर्मी की छुट्टियों में पढ़ी गई अपनी प्रिय हिंदी कहानी/पुस्तक पर समीक्षा लिखें। पुस्तक का नाम, लेखक, कहानी का सार, क्या अच्छा लगा, क्या नया सीखा आदि।
- यदि आपने भी सिद्धार्थ की तरह कभी किसी की मुश्किल समय में सहायता की है तो उस घटना को 50 शब्दों में लिखो।

MATHS

- Look at the picture on the right. Somu is 1 metre tall. If each floor is about four times his height, what is the approximate height of the building?

Which is taller — The Statue of Unity or this building? How much taller? _____ m.

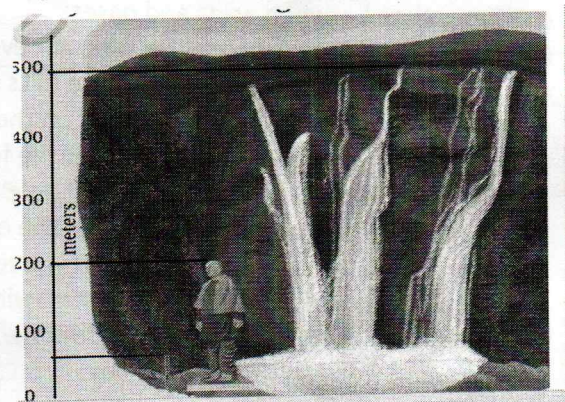
We can see that the height of the Statue of Unity is close to 4 times the height of Somu's building.

How much taller is the Kunchikal waterfall than Somu's building? _____ m.

How many floors should Somu's building have to be as high as the waterfall? _____ meters

- Prepare a number system chart comparing Indian System and American system of Place values.

Indian System		American System	
1,000	One thousand	1,000	One thousand
10,000	Ten thousand	10,000	Ten thousand
1,00,000	One lakh	100,000	Hundred thousand
10,00,000	Ten lakhs	1,000,000	One million
1,00,00,000	One crore	10,000,000	Ten million
10,00,00,000	Ten crores	100,000,000	Hundred million
1,00,00,00,000	One arab or One hundred crores	1,000,000,000	One billion



Answer the following questions based on it:

- How many zeros does a thousand lakh have? _____

- How many zeros does a hundred thousand have? _____

The number 9876501234 can be easily read by placing commas first:

(a) 9,87,65,01,234 → 9 arab 87 crore 65 lakhs 1 thousand and 234 or 987 crore 65 lakh 1 thousand 234 (in the Indian system).

(b) 9,876,501,234 → 9 billion 876 million 501 thousand 234 (in the American system).

- Read the following numbers in Indian place value notation and write their number names in both the Indian and American systems:

(a) 4050678 (b) 48121620 (c) 20022002 (d) 246813579 (e) 345000543 (f) 1020304050

- Toothpick Digits

We can write digits as shown in the image below:

You can either use toothpicks or matchsticks, or just write the digits in this way, using lines to represent sticks.

To make the digit 7, three sticks are needed.



Write or make the number 5108. How many sticks are required?

- Make or write the number 42,019. It would require exactly 23 sticks.
- Starting with 42,019, add or write two more sticks, and make a bigger number. One example is 42,078. What other numbers bigger than 42,019 can you make in this way?
- Preetham wants to insert the digit '1' somewhere among the digits '4', '2', '0', '1' and '9'. Where should he place the digit '1' to get the biggest possible number?
- What other numbers can he make by placing the digit '1'?

SOCIAL SCIENCE

1. Map work (Label and locate states and union territories with their capitals on India Map and paste in your notebook)
2. What are some key geographical features of India.
3. Write about a tourist place of India which you like the most.
4. What are the three main ranges of Himalaya? Explain.
5. Write about the 'Cold Desert of India'
6. Write a paragraph on World Environment Day (5 June).
7. Write about on a local historical place nearby you.
8. Write about the fundamental rights of Indian citizens given by the Indian Constitution.
9. Write about the fundamental Duties of Indian citizens given by the Indian Constitution.
10. Write and learn the 'Preamble' of the Indian Constitution.

SCIENCE

1. Make a rangoli design in your copy using acidic, basic substances and indicators.
2. Perform the activity no. 2.3 and 2.4 of page no. 12 and 13 of your book and after investigation complete the table of activity 2.3.
3. On a map of India, mark the states where iron, gold, aluminium and other metals are found. Paste it in HHW copy
4. Explore the metals and non-metals found in smartphones and write how they help the phone to work properly.
5. Ravi accidentally spills hydrochloric acid on his hand. He feels a burning sensation.
 - a. What should be the immediate action taken?
 - b. Explain why this action helps.
 - c. Describe the chemical reaction that takes place when the remedy is applied.
 - d. Differentiate between acids and bases:
6. Rahul went to Arjun's house. He saw that every room in Arjun's house is lit up with electric bulbs. Ravi suggested him to use CFLs and LED tube lights. He also suggested him to check for the ISI mark on the bulbs and tubes before buying them. Based on the above information, answer the following questions.
 - a. Why CFLs are better sources of light than electric bulbs?
 - b. What is the importance of ISI mark on the electric bulbs and tubes?
7. Make a simple electrical circuit using LED, switch, cell or battery and wires. OR solar panel as a source of electrical energy, make a circuit to run a toy fan.

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8. Create a three-dimensional model of the human digestive system using materials like clay, cardboard, or waste materials. Label each part and explain its function.
9. Learn all the completed syllabus till vacations.

SANSKRIT

1. नदी इति शब्दस्य शब्द रूपाणि लिखत।
2. गुरु इति शब्दस्य शब्द रूपाणि लिखत।
3. अस्मद इति शब्दस्य शब्द रूपाणि लिखत।
4. हस इति धातव धातुरूपाणी लिखत।
5. गम इति धातव धातुरूपाणी लिखत।
6. खाद इति धातव धातुरूपाणी लिखत।