

**CONVENT OF JESUS AND MARY
HOLIDAY HOMEWORK (2025-26)
CLASS VI**

ENGLISH

I) MYSTIC BEAUTY OF SIKKIM:

Think of Sikkim and the images of snow-clad peaks, terraced rice fields, lushly forested hills, misty clouds setting in the deep valleys, whispering falls and mesmerising cascades come before your eyes. Sikkim is a painter's dream — a beautiful landscape sketched by the Creator.

Art Integrated Project: Imagine you are a resident of Sikkim. Write a letter to your friend in Delhi describing the scenic beauty and the rich culture of your state. Invite your friend to your state while informing her about the places you will visit together. *(to be written on an A4 size sheet)*

➤ Create an envelope and add pictures of the various sites in Sikkim you would like her to visit.

II) SUGGESTED READING AND FOLLOW UP ACTIVITY:

1. A Christmas Carol by Charles Dickens
 2. Pollyanna by Eleanor H Porter
 3. Where the Mountain Meets the Moon by Grace Lin
 4. The Secret Garden by Frances Hodgson Burnett
 5. Animal Farm by George Orwell
 6. 6 Around the World in 80 Days by Jules Verne
 7. Any book by Roald Dahl (Matilda, Charlie and the Chocolate Factory, The Magic Finger, The Witches)
- Read any one of the books given in the list. Write about your favourite character and draw it using your own imagination (on A4 size sheet).

MATHEMATICS

 Theme: "Creative Minds & Clever Numbers"

This holiday homework is designed to encourage imagination, thinking, and real-life application of Maths through fun activities and brain teasers.

Instructions:

- Be creative! Use colours, drawings, and pictures.
- All work should be done in MATHS PRACTICAL FILE
- Try to do one activity every 2–3 days.
- Write your name, class, and roll number clearly on the first page.
- Best entries will be displayed on the school notice board.

Section A: Maths with Art

1. Create a colourful multiplication flower – draw a flower with 10 petals and write a multiplication table from 12 -21 on each petal.
2. Create a Math comic strip where two characters solve a daily life problem using maths (e.g., shopping, sharing, measuring).

Section B: Think and Solve

1. I am a number between 20 and 30. I am divisible by 3. If you reverse my digits, I become greater. Who am I?
2. There are 10 legs under a table. How many people and animals could be there? (Think and give different possibilities).
3. A box contains 3 red balls, 2 green balls, and 1 yellow ball. Without looking, what is the chance of picking a green ball?
4. Riya read 4 pages on Monday, 8 on Tuesday, 12 on Wednesday. If the pattern continues, how many pages will she read on Friday?
5. A number becomes 4 times itself when added to 18. What is the number?
6. **Identify the Pattern Rule:** What is the rule in each of these sequences?
 - a) 5, 10, 20, 40, 80...
Rule: _____
 - b) 64, 32, 16, 8, 4...
Rule: _____
 - c) 1, 2, 4, 7, 11, 16...
Rule: _____
7. a. A staircase is being built such that each step is 2 steps higher than the last one. If the first step is 3 cm high, what is the height of the 6th step?
b. You plant trees such that the number of trees planted each week forms the pattern: 2, 6, 12, 20, How many trees will be planted in the 5th week?
8. **Digit Puzzle – Largest, Smallest, Difference and Sum**

Using the digits 5, 0, 8, and 1:

- a) Form the largest and smallest 4-digit numbers (no repeating digits, no leading 0). What is their difference?
- b) What is the sum of these two numbers?
- c) Can you choose four different digits so that the difference between the largest and smallest 4-digit number is exactly 3087?

9. **Palindromic Time**

- a) The time is 03:30. What is the next palindromic time?
- b) List all palindromic times between 1:00 and 5:00 on a 12-hour clock.
- c) How many palindromic times occur in a 12-hour period?

10. **Kaprekar Magic**

Try the Kaprekar process with the number 7641. How many rounds to reach 6174?

11. **CASE BASED QUESTION**

The numbers 1, 2, 3, 4, 6, 8, 12, 24 all divide 24 exactly. Recall that such numbers are called factors or divisors of 24. Numbers that have only two factors are called prime numbers or primes. Here are the first few primes — 2, 3, 5, 7, 11, 13, 17, 19. The factors of a prime number are 1 and the number itself. Numbers that have more than two factors are called composite numbers. The first few composite numbers are — 4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20. A number for which the sum of all its factors is equal to twice the number is called a perfect number. The number 28 is a perfect number. Its factors are 1, 2, 4, 7, 14 and 28. Their sum is 56 which is twice 28.

1. The number 1 is _____ (prime / composite / neither).
2. Write all the prime numbers between 1 and 50.
3. Find all the factors of the following numbers:
a) 12 b) 36
4. Check whether the following numbers are perfect numbers:
a) 6
b) 28
c) 12
d) 496

Section D: Let's Explore Numbers

1. Calculate how many days, hours, and minutes are there in your summer vacation.
 2. Make a 'Number House' of your birthday number. Find all its factors and draw a colourful poster of the factor tree.
 3. Write any 2 magic squares using numbers 1–9 or 1–16. Colour the rows and columns having the same total.
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SCIENCE

1. Culinary heritage of any 2 states of India with pictures. (To be done in activity file.)
 2. Draw and colour the sources of Vitamin A, B, C and D. (To be done in activity file.)
 3. Make a pictorial guide of Flora of Sikkim with description. (Any 5) (To be done on A4 size art sheets.)
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SOCIAL SCIENCE



Scrapbook Project: - "Traditional Food of Sikkim"



Prepare a colourful and informative scrapbook on the traditional food of Sikkim. Highlight the cultural significance, ingredients, cooking methods, and any festivals related to the cuisine.

Instructions: -

Cover Page: Design a creative cover page with the title "Traditional Food of Sikkim" and your name, class, and roll number.

Introduction: Write a short introduction about Sikkim – its location, climate, and people. How it influences food habits of. How food habits are shaped by Sikkim's geography and culture.

Main Content:

Describe at least 5 traditional dishes of Sikkim (e.g., momo, thukpa, gundruk).

Include pictures (drawn or printed) for each dish.

Mention the main ingredients and how the dish is prepared in brief.

State if the dish is eaten daily or during special occasions or festivals.

Food and Festivals (1 Page):-

Write about special foods prepared during festivals and celebrations in Sikkim.

Fun Facts (1 Page): -

Add interesting or lesser-known facts about food habits in Sikkim.

Cultural Connection (1 page):- Write a few lines about how food reflects the culture and lifestyle of the people of Sikkim.

Conclusion (1 page):- Share your thoughts on what you found interesting about the food of Sikkim.

Bonus Question: - (OPTIONAL)

Try preparing one traditional Sikkimese dish at home with the help of your family. Click or paste a picture of the dish you made.

Neatness and Presentation: -

- Use A4 sheets only.
- Make your scrapbook neat, colourful, and creative.
- Handwriting should be neat and legible.
- Use colors and decorations to make it attractive but keep it clean and organized.
- Avoid copying text directly from the internet – use your own words.
- You may use drawings, magazine cut-outs, or printed pictures.

Submission Date: 5th July, 2025

Assessment Criteria: -

- Content
 - Creativity and Presentation
 - Effort and Originality
 - Timely Submission
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हिंदी

‘सिक्किम’ की पर्यावरणीय समस्या पर एक A3 आकार का पोस्टर तैयार कीजिए।

1. लेखक ‘देवेंद्र मेवाड़ी’ की पुस्तक ‘विज्ञान बारहमासा’ की कहानियाँ ‘लो, वसंत आ गया!’ तथा ‘ऋतुएँ क्यों आती हैं, जाती हैं?’ पढ़िए तथा उसके प्रमुख पात्र तथा सचित्र सार अपने शब्दों में साहित्य की पुस्तिका में लिखिए।
 2. कक्षा में दिए गए समस्त कार्य को दोहराइए।
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COMPUTER

Make a colorful Computer Dictionary Booklet

For each letter of the alphabet, write a computer related word and its meaning. Paste pictures wherever possible.

SPANISH

- Prepare Spanish Pictorial dictionary
 - On A4 size sheets draw flags of Spanish speaking countries. (For example: Argentina, Mexico, Paraguay etc.)
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संस्कृत

1. संस्कृत में 7-7 पशु, पक्षी, फलों व सब्जियों के नाम सचित्र संस्कृत पुस्तिका में लिखिए ।
 2. जन्तुशाला का चित्र बनाते हुए उसमें आए जीव व निर्जीव वस्तुओं में से किन्हीं 8-10 वस्तुओं का संस्कृत में नाम लिखिए।
(A4 साइज़ शीट पर)
 3. कक्षा में करवाए गए कार्य की पुनरावृत्ति कीजिए।
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