



# SANMATI

## HIGHER SECONDARY SCHOOL

# SUMMER

## ASSIGNMENTS

### CLASS 6<sup>th</sup>

Keep learning,  
Keep exploring,  
Have fun and a  
productive summer!



**SANMATI HIGHER SECONDARY SCHOOL**  
**SUMMER HOLIDAY ASSIGNMENT, SESSION: 2026-27**  
**SUBJECT: ENGLISH**  
**CLASS: VI**

**✦ General Instructions:**

- Complete the work in a separate notebook/ file.
- Write neatly with proper headings and dates.
- Be creative and original in your responses.
- Avoid copying from the internet or others.
- You may use your textbook, dictionary, and limited online resources.
- Submission Date: First week after school reopens.
- This assignment will be evaluated and graded.

**SECTION A: CREATIVE WRITING**

1. Paragraph Writing

Topic: My Best Friend

Write a paragraph in 60–80 words.

2. Diary Entry

Topic: My Summer Holiday Experience

Write in 60–80 words.

Include:

The place you visited.

The people you met.

Your feelings and experiences.

**SECTION B: READING & ACTIVITY**

3. Story Review: Read any short story with strong moral values. Write about it using following points.

Title

Characters

What you liked the most

Summary (4 – 5 lines)

Moral

4. Proverbs: Write 4 proverbs, and write their meanings.

Make one sentence for each

### **SECTION C: PROJECT WORK**

#### 5. Mini Project

Topic: Science Around Me

Write examples of science in daily life, such as:

Electricity

Transport

Kitchen

Communication

Instructions:

Write 4–5 examples, Explain each in 2 lines.

Draw or paste pictures

Conclusion:

Write 3–4 lines on: ‘Why science is useful in our life.’

### **SECTION D: GRAMMAR PRACTICE**

6. Write ten meaningful sentences which use:

Noun

Pronoun

Verb

Adjective

7. Write six sentences using following tenses: (two each):

Simple Present

Simple Past

Simple Future

### **SECTION E: FUN ACTIVITY**

9. Make a poster on the theme “ Save Water”, using your creativity while drawing.

Write an appropriate slogan for the same.

### **SECTION F: LIFE SKILL**

10. Proficiency in a language is achieved by practising daily. Listen to English news, podcasts, and speeches. Talk about any topic/person/place in English.

**SANMATI HIGHER SECONDARY SCHOOL**  
**SUMMER HOLIDAY ASSIGNMENT, SESSION: 2026-27**  
**SUBJECT: HINDI**  
**CLASS: VI**

प्रश्न 1 हमारे आसपास कई तरह के पेड़-पौधे हैं। उनके पत्तों से पक्षियों की आकृतियाँ बनाइए। जिस पेड़ का पत्ता लगा है उसका नाम भी लिखिए। यह कला हमें प्रकृति के करीब लाती है।



“पत्तों से बने पक्षी”

पाँच पक्षी जो आसानी से बनेंगे

1. मोर                      2. चिड़िया                      3. उल्लू                      4. बाज                      5. तोता

**सामान -**

1. पत्ते: आम, पीपल, अशोक, तुलसी, गुलमोहर, बोगनवेलिया, गेंदा के पत्ते
2. बेस : A4 साइज मोटी शीट/चार्ट पेपर - सफेद या हल्का नीला
3. गोंद: Fevicol
4. स्केच: पेन/मार्कर: चोंच, आँख, पैर बनाने के लिए
5. कैंची: पत्ते काटने के लिए, माता-पिता की मदद से करिएगा।

**सावधानी :**

- पत्ते सुखाकर लैमिनेट करो - किताब में रखकर 2 दिन दबाओ, खराब नहीं होंगे
- बैकग्राउंड बनाओ - नीले स्केच से आसमान, हरे से घास
- ताजे पत्ते चिपकाओगे तो 2 दिन में सिकुड़ जाएंगे। इसलिए 1 दिन पहले तोड़कर किताब में दबा दो।

**सीखने का परिणाम :**

परियोजना से हमने पत्तों के आकार और पक्षियों के बारे में सीखा। पेड़ लगाना जरूरी है क्योंकि वही पक्षियों का घर है।



प्रश्न 2. देश भक्ति से संबंधित एक स्वरचित कविता लिखिए - (10 से 20 पंक्तियाँ)

प्रश्न 3. शब्दों का खेल - ( नीचे दी गई व्यक्ति वाचक संज्ञा व वस्तु वाचक संज्ञा की शब्द सीढ़ी को ध्यान से देखिए ।

व्यक्ति वाचक संज्ञा शब्द

वस्तु वाचक संज्ञा शब्द

शब्द के अंतिम अक्षर से नया शब्द बनाएँ और सीढ़ी चढ़ते जाइए । (शब्द सीमा 10 से 15)

 <p>नमन मोहन</p>	 <p>बंदूक किताब</p>
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प्रश्न 4. बूझो तो जाने - उत्तर सहित पहेली लिखें व चित्र बनाएं या चिपकाएँ -

पंछी एक ऐसा अलबेला ,  
पंख बिना उड़ रहा अकेला ।  
बाँध गले में लंबी डोर ,  
नाप रहा अंबर का छोर ।

चार पाँव पर चल न पाऊँ,  
बिना हिलाए हिल न पाऊँ ।  
फिर भी सबको दूँ आराम,  
झटपट बोलो मेरा नाम ।



एक राजा की अनोखी रानी,  
जो अपनी पूँछ से पीती पानी ।

लाल डिब्बे में पीले रंग के खाने हैं,  
और खानों में मोती ।

सीखने के परिणाम - 1 पाठ्य वस्तु को पढ़ते या सुनते समय उसके मुख्य । बिंदुओं की पहचान करते हैं । 2 पठन , श्रवण व चिंतन कौशल का विकास ।

## अनुमान और कल्पना

**संबंधित दक्षता:** साहित्य के विभिन्न रूपों को पढ़ते समय भाषिक पहलुओं (नियम) जैसे-वाक्य संरचना, विराम चिह्न, काल, लिंग, कारक और वचन की पहचान करते हैं एवं उनका मौखिक और लिखित अभिव्यक्ति के लिए प्रयोग करते हैं।

प्रश्न 5. (भाग 1) कहानी में छूटे हुए शब्दों को अपने अनुमान के आधार पर लिखिए।

कौआ और मुर्गी दोनों एक घर में \_\_\_\_ थे। \_\_\_\_ दाना लाती थी। ऐसा करते-करते घर में बहुत से \_\_\_\_ जमा हो गए। एक दिन कौवे ने \_\_\_\_ "मैं चावल लेने \_\_\_\_ हूँ। तुम घर का \_\_\_\_ बंद रखना, नहीं तो \_\_\_\_ हमारे दाने ले \_\_\_\_। थोड़ी देर बाद एक घोड़ा \_\_\_\_। \_\_\_\_ ने कहा, "मुर्गी दरवाजा \_\_\_\_ और मुझे कुछ दाने दे दो।" \_\_\_\_ ने कहा, "नहीं, नहीं मैं तुम्हें दाने \_\_\_\_ दे \_\_\_\_। घोड़े ने कहा, "मैं \_\_\_\_ भूखा हूँ।" मुर्गी को दया आ गई। उसने सभी दाने \_\_\_\_ को दे \_\_\_\_। अब \_\_\_\_ सोचने लगी कि \_\_\_\_ आकर मुझसे \_\_\_\_ के बारे में पूछेगा तो मैं क्या कहूँगी? चिंता के मारे \_\_\_\_ चक्की के पीछे \_\_\_\_ गई। कौआ वापिस आया। \_\_\_\_ मुर्गी को



आवाज \_\_\_\_। इतने में बिल्ली ने दरवाजा \_\_\_\_। कौवे ने \_\_\_\_ खोला। बिल्ली ने कहा, "कौवे भाई, नमस्ते! \_\_\_\_ बहन कहाँ हैं? मुझे कुछ मदद चाहिए।"

(भाग -2 आगे क्या हुआ होगा ?) अपने परिवार के साथ बातचीत कर कहानी पूरी कीजिए।

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### सीखने के प्रतिफल-

साहित्य के विभिन्न रूपों को पढ़ते समय भाषा की आधारभूत इकाइयों जैसे शब्द-भेद, वाक्य संरचना एवं विराम चिह्न की समझ बनाते हैं।

SANMATI HIGHER SECONDARY SCHOOL  
SUMMER HOLIDAY ASSIGNMENT, SESSION: 2026-27  
SUBJECT: SANSKRIT  
CLASS: VI

**प्रश्न 1 अधोलिखित-वर्णानाम् संयोजनं कृत्वा शब्दं लिखत।  
(नीचे दिए गए वर्णों को जोड़कर शब्द लिखिए - Word Building)**

क + अ + म् + अ + ल् + अ + म् = \_\_\_\_\_

च् + अ + ट् + अ + क् + आ = \_\_\_\_\_

प् + उ + स् + त् + अ + क् + अ + म् = \_\_\_\_\_

व् + इ + द् + य् + आ + ल् + अ + य् + अ = \_\_\_\_\_

**प्रश्न 2. अधोलिखित-शब्दानां वर्ण-विच्छेदं कुरुत। (नीचे दिए गए शब्दों का वर्ण-विच्छेद कीजिए - Word Breakdown)**

बालकः = ब् + आ + ल् + अ + क् + अः

अम्रम् = \_\_\_\_\_

शिक्षकः = \_\_\_\_\_

बालिका = \_\_\_\_\_

**प्रश्न 3. स्वराणां व्यञ्जनानां च पृथक्करणं कुरुत। (दिए गए वर्णों में से स्वर और व्यंजन अलग-अलग कीजिए)  
(अ, क्, ई, म्, उ, त्, ओ, च्, आ, द्)**

स्वराः (Vowels): \_\_\_\_\_ ' \_\_\_\_\_ ' \_\_\_\_\_ ' \_\_\_\_\_

व्यञ्जनानि (Consonants): \_\_\_\_\_ ' \_\_\_\_\_ ' \_\_\_\_\_ ' \_\_\_\_\_

**प्रश्न 4 रिक्तस्थानानि पूरयत (वर्णमाला क्रमानुसारम्)। (वर्णमाला के क्रम के अनुसार रिक्त स्थान भरिए)**

अ, आ, \_\_\_\_\_, ई, \_\_\_\_\_, ऊ।

क्, \_\_\_\_\_, ग्, \_\_\_\_\_, झ।

त्, थ्, \_\_\_\_\_, ध्, \_\_\_\_\_।

**प्रश्न 5 अपनी पसंद के किसी भी पाँच फलों व पशुओं के चित्र लगाए व उनका संस्कृत में नाम लिखे।**

**प्रश्न 6 श्लोकं पूर्णं कुरुत। (श्लोक पूर्ण कर पुनः लिखे।)**

1) कराग्रे वसते लक्ष्मीः.....

2) समुद्रं वसने देवी.....

3) पृथिव्यां त्रीणि रत्नानि.....

4) उधमेन हि सिद्धयन्ति.....

**SANMATI HIGHER SECONDARY SCHOOL**  
**SUMMER HOLIDAY ASSIGNMENT, SESSION: 2026-27**  
**SUBJECT: MATHEMATICS**  
**CLASS: VI**

**Task 1: Concept Activity (Fractions Basics)**

**Instructions:**

- 1 Define fractions.
- 2 Write types of fractions with examples:
  - a. Proper fractions
  - b. Improper fractions
  - c. Mixed fractions
- **Give real life examples**

**Convert:**

- a. Improper to mixed (3 examples)
- b. Mixed to improper (3 examples)

**Task 2: Practice Work**

Solve the following:

1.  $3/5 + 4/5$
2.  $7/8 - 3/8$
3.  $3/4 \times 5/3$
4.  $5/6 \div 3/6$
5.  $1/10 + 3/10$
6.  $6/5 - 6/5$
7.  $2/3 \times 2/3$
8.  $11/8 \div 11/8$

**Task 3: Activity-Based Task**

**Fraction Model**

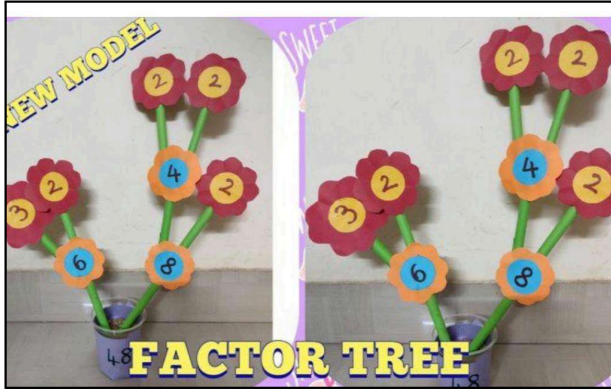
1. Take a paper plate or draw a circle.
2. Divide it into equal parts (like pizza).
3. Shade different fractions (e.g.  $1/2$ ,  $1/4$  )
4. Label each clearly.

## Task 4 : Creative Work

### “Fractions in Real Life”

Write 6–8 lines on where you see fractions in daily life.  
(Examples: food sharing, time, money, measurements)

### 🌳 Factors Tree Activity (Hands-on Learning)



### Objective:

Students will understand factorization and prime numbers by creating a colourful factor tree model.

### Instruction Lines:

1. “First, choose any number and write it at the top.”
2. “Now break the number into two smaller factors.”
3. “Keep dividing until you get only prime numbers.”
4. “Arrange your factors like a tree using branches.”
5. “Use different colours to make your model neat and clear.”
6. “Finally, write the prime factorization at the bottom.”

# SANMATI HIGHER SECONDARY SCHOOL

## SUMMER HOLIDAY ASSIGNMENT: SESSION 2026-27

### SCIENCE: THE JUNIOR RESEARCHER'S JOURNAL (GRADE 6)

Dear Junior Scientists,

This summer, you aren't just doing homework—you are starting a research journey! Your goal is to find ways to help our environment and society through simple experiments.

**Objective:** To develop a research-based project that explores scientific curiosity through investigation, testing, and practical solutions (Foundation for Junior Bal Vigyan).

#### YOUR INSTRUCTIONS:

Choose any 3 tasks from the list below.

Record everything by hand in a Science Project File or Scrapbook.

Showcase: Bring your file and any physical models to school on June 16th for our Classroom exhibition.

**SUMMER HOLIDAY ASSIGNMENT: SESSION 2026-27**

**SCIENCE: THE JUNIOR RESEARCHER'S JOURNAL (GRADE 6)**


Dear Junior Scientists,  
This summer, you aren't just doing homework—you are starting a research journey! Your goal is to find ways to help our environment and society through simple experiments.

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- Choose any 3 tasks from the list below.
- Record everything by hand in a Science Project File or Scrapbook.
- Showcase: Bring your file and any physical models to school on June 16th for our Classroom.

**[TASK 1] THE KITCHEN LAB: FOOD SCIENCE**




Spoilage Scale (1 to 10)	
Day 1	
Day 2	
Day 3	
Day 4	
Day 5	

**The Mystery:** Which material stops food from rotting the best?

**What to Submit:** Your handwritten data table and a drawing of the food on Day 5.


**[TASK 2] THE GARDEN AUDIT (Nature Study)**



**The Mystery:** Does adding water bring more life to a dry garden?

**What to Submit:** A colorful "Diversity Map" using leaf-rubbing textures and watercolors to show what you found.

**[TASK 3] NATURAL CLEANERS (Green Chemistry)**




**The Mystery:** Can lemon peels or vinegar clean better than soapy water?

**Process Map**

```
graph LR; A[what you saw] --> B[what you guessed]; B --> C[final result];
```

**What to Submit:** Your Process Map and a small, recycled bottle of your "Natural Cleaner".

**[TASK 4] SAVING WATER (Conservation)**



**The Mystery:** How much water can we save by not using the shower?

**What to Submit:** A 3D "Water-Saving Model" made from cardboard or plastic bottles.

**CHECKLIST FOR SUCCESS**

- ✓ Handwritten: Is all your work in your own handwriting?
- ✓ Real Data: Did you actually do the experiments and write down what happened?
- ✓ Utility: Can your idea help your home or school?

**"Enjoy your holidays and stay curious!"**

#### [TASK 1] THE KITCHEN LAB: FOOD SCIENCE

The Mystery: Which material prevents food the best from rotting?

The Test: Wrap one piece of fruit in Paper, one in Cloth, and leave one Open.

The Daily Job: Watch them for 5 days. Use a "Spoilage Scale" (1 to 10) to rate how they look each day in a table.

What to Submit: Your handwritten data table and a drawing of the food on Day 5.

## [TASK 2] THE GARDEN AUDIT (Nature Study)

The Mystery: Does adding water bring more life to a dry garden?

The Test: Put a small bowl of water in a corner of your garden or balcony.

The Daily Job: For 3 days, count how many birds or insects visit the water versus a dry spot.

What to Submit: A colorful "Diversity Map" using leaf-rubbing textures and water colours to show what you found.

## [TASK 3] NATURAL CLEANERS (Green Chemistry)

The Mystery: Can lemon peels or vinegar clean better than soapy water?

The Test: Mix lemon peels/vinegar with water and try cleaning a greasy surface. Compare it to plain water.

The Daily Job: Draw a "Process Map" showing: what you saw, what you guessed would happen, and your final result.

What to Submit: Your Process Map and a small, recycled bottle of your "Natural Cleaner" to show the class.

## [TASK 4] THE WATER SAVER CHALLENGE (Conservation)

The Mystery: Does a shower use more water than a bucket bath? Let's find out exactly how much we can save!

The Test:

Bucket Bath (Days 1-2): Bathe using only a bucket and mug. Count how many full buckets you use.

Shower Test (Days 3-4): Put a bucket under the shower for 1 minute to see how much it fills. Then, time your normal shower. Multiply that 1-minute amount by the total minutes you showered!

The Daily Job: Keep a logbook comparing the total buckets used for both methods.

What to Submit: Your data table and a 3D "Water-Saving Model" made from recycled materials showing a way to reuse water at home (like using bath water for plants).

## CHECKLIST FOR SUCCESS

Handwritten: Is all your work in your own handwriting?

Real Data: Did you actually do the experiments and write down what happened?

Utility: Can your idea help your home or school?

*"Enjoy your holidays and stay curious!"*

**SANMATI HIGHER SECONDARY SCHOOL**  
**SUMMER HOLIDAY ASSIGNMENT, SESSION: 2026-27**  
**SUBJECT: SST**  
**CLASS: VI**

**Task – 1: MAP WORK**

**India Map:**

- On an outline map of India (Political), mark:
  - \* All States and Union Territories
  - \* Shade them with different colours
  - \* Mark and label neighbouring countries of India

**World Map:**

- On a world map, mark and label:
  - \* Continents
  - \* Oceans

**Task – 2: Unity in Diversity (India)**

**Activity:**

- Collect and paste 5 pictures showing:
  - \* Different cultures
  - \* Festivals
  - \* Food habits

**Written Work:**

- Write 5–6 lines explaining each picture

**Task – 3: Rainwater Harvesting Model (Project)**

**Activity:**

- Make a simple model of Rainwater Harvesting using waste materials

**Materials:**

- Plastic bottle (water storage)
- Cardboard box (house)
- Straw (pipe)
- Glue / tape
- Colours / sketch pens

**Steps:**

- Make a house model using a box
- Create a slanting roof
- Fix a straw (pipe) from the roof
- Connect it to a bottle (tank)
- Show how rainwater flows into the bottle

**Presentation:**

- Colour your model neatly
- Do proper labelling:
  - Roof
  - Pipe
  - Water Tank
- Use arrows to show water flow

**Written Work:**

- What is rainwater harvesting?
- Materials used
- Procedure
- Working
- Conclusion (What did you learn?)

**Task – 4: My Personal Timeline****Activity:**

- Create a timeline of your life:
  - \* Birth
  - \* First day of school
  - \* Important events

**Presentation:**

- Add drawings or paste photos
- Arrange events in correct order (timeline)

**Assessment Criteria:**

- Neatness and Presentation
- Creativity
- Accuracy of Work
- Completion of All Tasks

**Important Note:**

Try to make your work unique and creative. Enjoy learning during your holidays!

**SANMATI HIGHER SECONDARY SCHOOL**  
**SUMMER HOLIDAY ASSIGNMENT, SESSION: 2026-27**  
**SUBJECT: COMPUTER THINKING & ARTIFICIAL INTELLIGENCE (CTAI)**  
**CLASS: VI**

1. What is a computer? Draw a diagram of a computer with its components names?
2. Name and draw any two input & output devices.
3. Write any five uses of the computer in daily life.
4. What is Computer Thinking?
5. What is Artificial Intelligence (AI)?
6. Write five examples of AI used in daily life.
7. What is an algorithm?
8. Explain the term “pattern recognition” with an example.
9. What is the difference between human intelligence and artificial intelligence?
10. Write two uses of AI in education.