# Class 8th

## SUMMER HOLIDAYS HOMEWORK

## English

**A. PROJECT: Comic Script**
Make a Comics with colourful pictures with dialogues. Make cover and back cover also and decorated it.(Colourful A-4 Size Sheets)

**B. Activity**: Read any TWO English Story Book and make attractive and informative BOOK REVIEW. (Colourful A-4 Size Sheets)

**C. Writing Skill:**
A. Write 3 example of **Letter to the Editor** (English Notebook)
B. 4 examples of **NOTICE** Writing (English Notebook)

**Reading Skill**: Read any 4 Unseen Passages and solve them.(English Notebook)

**E. Gramma**r: Do practice of the Grammar work in the class. (TENSES and Active/Passive Voice)

**F. Complete all your work that was done in the class. (Ignore if already done)**

**G. MDP:**

**i. Article writing: 'Plastic- A Boon or Bane'**

**ii. Write Dialogues OR Draw comic strip on Plastic pollution and it's effect on Environment**

## Hindi

### 1. संगीत और कला का संयोजन

हिंदी गीत "आओ बच्चों तुम्हें दिखाएं झांकी हिंदुस्तान की" गीत को याद करें और इसमें वर्णित महापुरुषों और महत्वपूर्ण घटनाओं पर संक्षेप में लिखें।

https://youtu.be/aZjyPrzfwUs?feature=shared

### 2. हिंदी शब्दों से शब्दों का खेल

कोई एक शब्द चुने और 15 नए शब्दों की एक शब्द श्रृंखला तैयार करें। फिर उन शब्दों का उपयोग कर एक छोटी सी कहानी लिखे।

(उदाहरण: "बिल्ली" से शुरू करें – बिल्ली, लिखना, नल, लहसुन, नरगिस, आदि।)

### 3.हिंदी पत्रिका

एक छोटी सी हिंदी पत्रिका बनाए जिसमें कहानी, कविता, चित्रकला, और ग्रीष्मकालीन छुट्टियों के अनुभव आदि शामिल हों।

**4.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।

**5. विज्ञापन**

“साइबर ठगी जागरूकता” विषय संबंधित एक विज्ञापन तैयार कीजिए।

6. **सत्र-1 , बहुविषक परियोजना**

विषय-आपदा प्रबंधन

●आपदा और आपदा प्रबंधन का अर्थ

●आपदाओं के प्रकार (प्राकृतिक आपदाएं तथा मानव निर्मित आपदाएं) उदाहरण सहित

●दो प्राकृतिक आपदाओं (बाढ़/भूकंप) के बारे में लिखिए और अगर आपके इलाके में बाढ़/भूकंप आए तो आप क्या करेंगे? 5-6 बिंदुओं में लिखें।

**7.नीचे दिए गए शब्दों के अर्थ खोज कर लिखिए**

**1. सप्तरंगी**
**2. रंगमंच**
**3. निवेश**
**4. कलात्मक**
**5. संपूर्ण**
**6. आकंक्षित**
**7. उत्सवप्रिय**
**8.चिंतन**
**9.वर्णनात्मक**
**10.मंज़र**
**11. अलौकिकता**
**12. अविस्मरणीय**
**13. सिंहासन**
**14. निश्छल**
**15. संचरण**
**16. तेजस्विता**
**17. शैली**
**18. संवेदनशील**
**19. विशालकाय**
**20.उपमा**
**21.प्रतीकात्मक**
**22.अनुभूति**
**23.परिकल्पना**
**24.रचनाकार**
**25.कल्पनालोक**
**26.छायाचित्र**
**27.विचारशील**
**28.सजीव**
**29.चेतन**
**30.रचनाशील**
**31.अभिव्यक्ति**
**32.संवेदना**
**33.चित्रण**
**34.सृजन**
**35.अभिनव**
**36.गीतात्मक**
**37.नाटकीय**
**38.अनुपम**
**39.सरगम**
**40.प्रकाशमान**
**41.हर्षित**
**42.भावपूर्ण**
**43.रूपवान**
**44.अद्‌वितीय**
**45.चपल**
**46.निर्मल**
**47.नवोन्मेष**
**48.चिंतनशील**
**49.विलक्षण**
**50.उत्कर्ष**
**51.भावप्रधान**
**52.हर्षोल्लास**
**53.शब्दचित्र**
**54.कल्पनातीत**
**55.स्वप्नदर्शी**

| | | | | |
|---|---|---|---|---|
| 56.अभिव्यक्ति पूर्ण | 65.ज्ञानवर्धक | 75.प्रयोजन | 85. प्रेरणादायक | 95. समाजसेवी |
| 57.अनुभवजन्य | 66.प्रकृतिप्रिय | 76.समर्पण | 86. दृष्टव्य | 96.आकंक्षित |
| 58.प्रेरणादायक | 67.अंतरदृष्टि | 77.दृढ़ता | 87. शांति | 97. कृतज्ञता |
| 59.विचारशील | 68.कृत्रिमता | 78. नृत्यात्मक | 88. अन्वेषक | 98. आकर्षकता |
| 60.नवजीवन | 69.ज्ञानदीप | 79. मनमोहक | 89. विशेषज्ञ | 99. निडर |
| 61.शुभ्रता | 70.बुद्धिमत्ता | 80. उत्साही | 90. समृद्ध | 100. सुरम्य |
| 62.उदात्त | 71.विश्लेषण | 81. गौरवपूर्ण | 91. ब्रम्हाण्ड | |
| 63.शब्दसंग्रह | 72.स्मृति | 82. दृष्टिकोण | 92. नवीनता | |
| 64.समर्पण | 73.संकल्प | 83. जादुई | 93. स्मरणीय | |
| | 74.उद्यम | 84. सकारात्मक | 94. काव्यशास्त्र | |

## Sanskrit

1. सम्पूर्ण ब्रिज कोर्स स्मरणीयम |
2. एकत: शतं पर्यन्तं संख्यावाचि (1-100) पदानि लिखत |
3. त्रय: पुरुषा: तेषां सर्वनाम च लेखनीयं स्मरणीयं च | क्रिया अपि योजयत |
4. प्लास्टिक प्रदूषण उपरि पंच श्लोका: लेखनीयम स्मरणीयम च
5. छात्रा: प्लास्टिकस्य उपयोगं न्यूनतं कृत्वा पर्यावरणस्य संरक्षणे योगदानं कथं करिषयन्ति |
6. 40 दिनानां प्रतिवेदनं लेखनीयम |
7. संस्कृत प्रार्थना लेखनीयं स्मरणीयम् च |
8. संस्कृत प्रतिज्ञा लेखनीयं स्मरणीयम् च |

## Science

1. MAKE A CHART IN YOUR NOTEBOOK TO UNDERSTAND DEFICIENCY DISEASES.
2. MAKE YOUR FOOD CHARD DAY WISE FOR A WEEK AND CLASSIFY INTO VARIOUS NUTRIENT AND MAKE PAI CHART.
3. DO EXPERIMENT ON SEED GERMINATION.
4. PREPARE A CHART FOR COLLECTION OF SHRI ANNA (MILLETS).
5. MAKE A HARBARIUM OF LAVES WITH THEIR NAME AS WELL AS IMPRESSION OF THE LEAVES AND THEIR VEINS.

MAKE ONE WORKING MODEL/ PROJECT ON THE BASIS OF BASIC PRINCIPLE OF SCIENCE.

# Mathematics

## Theme - Mathematics in Cartography

**1. Math Project:**

- **Objective**: To understand scales and map reading.
- **Task:** Draw a map of your locality using a proper scale. Include landmarks like schools, parks, and shops.
- **Report**: Explain how you used scale to create your map and how distances on the map compare to real distances.

**2. Art Integration:**

- **Objective**:To integrate artistic skills in map making.
- **Task**:Enhance your map with artistic elements such as color coding, symbols, and creative landmarks.
- **Presentation:** Display your map and describe the artistic choices you made.

## Mathematics Bridge Programme Worksheet

**1.** Compare the following pairs of numbers. Write '>' or '<'.

1. -3 ___ -5

2. 7 ___ -2

3. 0 ___ -1

4. -4 ___ -4

**2.** Circle all the natural numbers from the following list:

-3, 0, 1, 2, 3.5, 4, 7

**3.** Plot the following numbers on a number line: -2, 0, 3

**4.** Fill in the blanks:

1. The integer after -5 is _____.

2. The integer before 3 is _____.

**5.** Arrange the following in ascending order:

-4, 0, -1, 3, -2

**6.** Tick the perfect squares:

12, 16, 25, 30, 36

**7.** Fill in the blanks:

1. √49 = _____ 2. √100 = _____ 3. √144 = _____

**8.** Estimate the square root:

√50 ≈ _____

**9.** Match the cubes with their roots:

a) 64 i) 5

b) 125 ii) 4

c) 216 iii) 6

**10.** Tick the cube numbers:

8, 9, 27, 30, 64

**11.** Fill in the cube root:

$\sqrt[3]{343}$ = _____

**12.** Solve for x:

1. x + 5 = 10 2. 2x = 12 3. x - 3 = 7

**13.** Form a linear equation for:

"If 3 is added to a number, the result is 10."

**14.** Identify:

CP = Rs. 150, SP = Rs. 120: Profit or Loss? _____

**15.** Calculate:

CP = Rs. 200, SP = Rs. 240

Profit = _____

Profit % = _____

**16.** Activity 16: Identify triangle type:

Triangle with angles 60°, 60°, 60° = _____

Triangle with sides 3 cm, 4 cm, 5 cm = _____

**17.** Draw a triangle with sides 4 cm, 5 cm, 6 cm.

**18.** Find the perimeter:

Rectangle: length = 5 cm, breadth = 3 cm

**19.** Find the area:

Square of side 4 cm

Rectangle of length 6 cm and breadth 2 cm

**20.** Match the expressions:

| | |
|---|---|
| a) 5 + x | i) Five more than a number |
| b) x - 3 | ii) Three less than a number |
| c) 2x | iii) Twice a number |

**21.** Simplify:

1. 2x + 3x = _____

2. 4a - 2a + 5 = _____

**22.** Tally and make a table for fruit preferences:

Apple (5), Banana (3), Mango (7), Orange (4)

**23.** Conduct a survey in your neighbouring houses, collect the information that the electricity consumption in a day. Find the mean, median and mode.

**24.** Collect the information of 5 mathematicians and write 5 points about them.

**25.** Write any three rules of vedic maths with 2 examples each.

**Social Science**

## MDP:- PLASTIC FREE ENVIRONMENT

**1.What are the harmful effects of plastic bags on the environment?**

**2. How can we make our school " A plastic free zone"?**

**3. Prepare one poster on plastic pollution.**

**4. How do you replace plastic with eco friendly products ?**

**5. Prepare a project file on the topic -Steps to a Plastic Free Life**

**6. On the outline map of world locate the countries where are plastic bags banned.**

1. **Map work-**
   - **(i) Label and locate states and union territories with their capitals on India Map and paste in your notebook.**
   - **(ii) Label and locate Continents and Oceans on World Map and paste in your notebook.**

2. **Write the Fundamental Rights and Fundamental Duties of the Indian Constitution.**

3. **Write about a tourist place of India which you like the most.**

4. **Describe a few major types of soils found in India.**

5. **Define Human Resources. Why are they important for a country?**

6. **What are public facilities? Why are they important for society?**

7. **Write a paragraph on World Environment Day (5 June).**

8. **What are the differences between a monarchy and a democracy?**

9. **Write about on a local historical place nearby you.**

10. **Write and learn the 'Preamble' of the Indian Constitution.**

## Artificial Intelligence

1. Model Making (Craft Activity)
Make a 3D model of a Smart City using cardboard, paper, plastic, LED lights, etc.
Include features such as:
Solar panels
Smart traffic lights
Automated waste bins
Parks and green areas
Rainwater harvesting
CCTV and smart surveillance
(Tip: Reuse waste materials like bottles, boxes, wires, etc. to promote sustainability.)

2. Creative Writing (English)
Write a short essay (150-200 words) on:
“My Dream Smart City”
Include what facilities you want in your dream city and how they will help people.

## Art Education

स्वच्छता दिवस पर पेंटिंग और पोस्टर बनाकर लाना है|

Make paintings and posters on Cleanliness Day and bring them.