

**RASHTRIYA SARVAJANIK MELA PUBLIC SCHOOL, SUPAUL**  
**SUMMER HOLIDAY HOMEWORK 2026**

**Class 8**

**हिन्दी**

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1. "दो गौरैया" पाठ में वर्णित दोनों गौरैयाओं के हाव-भाव एवं जीवन शैली के आधार पर बताइए कि क्या पशु-पक्षियों में संवेदनशीलता होती है?
  2. देश-प्रेम की भावना देश की सुरक्षा से ही नहीं, बल्कि संरक्षण से भी जुड़ी होती है। अनुमान करके बताइए कि देश के किन-किन संसाधनों या वस्तुओं आदि को संरक्षण की आवश्यकता है और क्यों?
  3. राजभाषा के रूप में देश स्तर पर हिन्दी भाषा की उपयोगिता पर प्रकाश डालें।
  4. जन्मदिन की शुभकामना देते हुए छोटे भई को एक पत्र लिखिए।
  5. "स्वदेश" कविता के आधार पर भारत माता का चित्र प्रस्तुत करते हुए जननी, जन्मभूमि की महत्ता पर प्रकाश डालें।

**Science**

1. What is the contribution of the following scientists  
a) Newton    b) A.P.J. Abdul Kalam    c) Marconi    d) J. L. Baird    e) Graham Bell
2. Distinguish between plant cell and animal cell with neat and clean coloured diagram.
3. Explain the role of microorganism in :-  
(a) Cleaning the environment                      (b) In food.
4. Draw the figure of the following :-  
(a) Amoeba                                      (b) Algae                      (c) Virus
5. How do we get sick? Explain in five sentences.

## संस्कृत

1. पाठ्यपुस्तक से प्रथम पाठ, द्वितीय पाठ, तृतीय पाठ का प्रश्नोत्तर शुद्ध-शुद्ध और स्पष्ट अक्षरों में लिखें।
2. 'राम' शब्दरूप अकारान्तः पुंलिङ्ग को कार्डबोर्ड पर सजाकर लिखें।
3. अपना और अपने परिवार का संक्षिप्त परिचय संस्कृत में लिखें और कार्डबोर्ड पर सजाकर लिखें।
4. राष्ट्र-गीतम् को कार्डबोर्ड पर सजाकर लिखें।
5. प्रथमः पाठः के वेदमंत्रों को कार्डबोर्ड पर सजाकर लिखें।

## English

### Creative Writing & Expression:-

- Create a report or article on environment conservation or the impact of technology.
- Write a self composed poem or paragraph on 'The Importance of Lockdown Productivity'.

### Reading & Vocabulary:-

- Read a story book and write its review (Listing title, main characters and theme)
- Maintain a daily diary or read an English paper / English book for 30 minutes and note new words.

### Project and Art Integration:-

- Create a "Nature's Poet's collage and analyse a famous poet.

Or

- Create a brochure or poster on a topic like save "Save Water" or "Healthy Lifestyle".

### Paragraphs writing (Approx 250 words)

- a) Labour Day.      b) Impact of Technology.      c) Environmental Pollution.

## Maths

### Practice Questions:-

1. Find the square root of- a) 12 b) 25 c) 144 d) 18 e) 225 f) 30 g) 169 h) 21  
i) 361 j) 35 k) 400 l) 14 m) 289 n) 27 o) 196 p) 19 q) 256 r) 121 s) 324 t)  
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2. Find the cube root of - a) 3 b) 5 c) 64 d) 7 e) 125 f) 9 g) 216 h) 11 i) 343 j)  
6 k) 512 l) 4 m) 729 n) 8 o) 1000 p) 6 q) 27 r) 10 s) 64 t) 125

3. Evaluate- a)  $2^3$  b)  $5^2$  c)  $10^2$  d)  $3^4$  e)  $2^5$  f)  $2^3 \times 2^2$  g)  $5^3 \times 5^2$  h)  $10^2 \times 10^3$  i)  $6^4 \div 6^2$   
j)  $8^3 \div 8$  k)  $9^5 \div 9^2$  l)  $4^0$  m)  $7^0$  n)  $100^0$  o)  $3^3$  p)  $2^4 \times 2$  q)  $5^3$  r)  $3^5 \div 3^2$

4. A square has side 15 cm. Find its area.

5. A square park has side 20 m. Find its area.

6. A cube has side 4 cm. Find its volume.

7. A cube has side 7 cm. Find its volume.

8. Find the area of a square field of side 25 m.

Case Study Based Questions (Objective)

9. A square park has side 18 m. What is its area? A)  $324 \text{ m}^2$  B)  $300 \text{ m}^2$  C)  
 $360 \text{ m}^2$  D)  $400 \text{ m}^2$

10. If side becomes double, new area will be: A) Double B) 3 times C) 4 times  
D) Same

11. A cube has side 5 cm. What is its volume? A)  $125 \text{ cm}^3$  B)  $25 \text{ cm}^3$  C)  $100 \text{ cm}^3$   
D)  $150 \text{ cm}^3$

12. If side becomes 10 cm, volume becomes: A) 2 times B) 4 times C) 8  
times D) 10 times

13. What is the value of  $2^4$ ? A) 8 B) 16 C) 32 D) 64

14. When exponent increases, value: A) Decreases B) Same C) Increases  
D) Becomes zero

## Computer

Skill based questions.

1. Describe the component of a network
2. Describe the different types of network in detail.

Application based questions.

1. Describe the Network Topology and its types using a neat and clean diagram.

2. Draw the icon of editing tool in Krita and write their functionalities.

Project based.

Prepare a project by describing computer lab manners and rules using neat and clear diagram on chart paper.

### Social Science

1. Make a flow chart presentation highlighting the non - renewable resources used and proposing eco-friendly alternatives.
2. " A renewable resources can become non - renewable if its consumption rate exceeds its natural generation rate". Analyse this statement with an example.
3. Create a storyboard or a short comic strip on the life of Tarabai, focusing on how she led the Maratha resistance against Aurangzeb after 1700.
4. Compare the Ashta Pradhan (council of eight) system established by Shivaji with a Modern Parliamentary Cabinet.
5. Investigate measures taken by Election Commission of India , such as "voting from home for senior citizen and disabled voters introduced in 2024.
6. How does the election commission ensure free fair elections describe it through flow chart?

### G.K

Skill based questions :-

Classify the following into correct groups and write one point about each.

- a) Aquatic Plants
- b) Aquarium Animals
- c) Natural Disasters
- d) Eco - Warriors
- e) Famous People

Application based :- If natural disaster like flood or earthquake occurs in your area :-

1. What five safety steps will you follow?
2. How can you help others as a responsible student?

Project Work :- (Nature Section)

- Any two wonders of nature
- Any one natural disaster (Cause and Prevention)

