

SARASWATI WORLD SCHOOL
SESSION 2026-27
HOLIDAYS' HOMEWORK
CLASS 8



COMPUTER

1. Draw or create a poster showing:

Roll No.

1–10 → Cyber Safety Awareness

11–20 → Computer Ethics

21–30 → Smart Classroom with Technology

31–40 → Evolution of Computers

41–52 → Uses of Artificial Intelligence

2. Solve the given worksheet in your notebook.

3. Learning Tasks

Learn A to Z shortcut keys.

Learn full forms of:

Computer

Mouse

Keyboard

Monitor

CPU

Learn the working process of CPU.

SCIENCE

1. Make a well-labelled chart paper on:

Sprinkler Irrigation System

Drip Irrigation System

2. Learn NCERT textbook exercises of Chapters 1 and 3.

3. Plant any one sapling, seed, or small plant and send its picture to the subject teacher at the end of the holiday.

GENERAL KNOWLEDGE

1. Paste or draw pictures of all National Symbols in your notebook.

2. Learn 20 Indian States and their Capitals.

Learn 10 Union Territories and their Capitals.

Prepare a colourful political map of India and label the States and Capitals.

3. Famous Personalities

Write short notes (50 words each) and paste pictures of:

Mahatma Gandhi

Kalpana Chawla

4. Current Affairs

Collect and paste in your notebook:

5 National News Headlines

5 International News Headlines

5 Sports News Headlines

HINDI

हिन्दी पाठ्यपुस्तक

15 पेज सुलेख कीजिए।

पाठ 4-5 पढ़ें तथा अभ्यास कार्य करें।

20 शब्दार्थ याद करें।

प्राकृतिक सौंदर्य का वर्णन करते हुए एक चार्ट बनाइए।

हिन्दी व्याकरण

पाठ 3 से 6 पढ़ें और इनका अभ्यास कार्य करें।

10 पर्यायवाची शब्द लिखें।

‘यदि मैं परी होता’ / ‘मेरी यादगार यात्रा’ विषय पर 100 शब्दों का अनुच्छेद लिखिए।

G-20 की थीम क्या है? इस पर 100 शब्दों का एक प्रोजेक्ट तैयार करें।

DRAWING

Art and Craft

Note: Do your craft according to the given assignment.

Roll No.

1-10 → Duster Making by Self

11-20 → Hanging Name Plate Making for Class

21-30 → Poster Making for Janmashtami

31-40 → Poster Making for 15 August

41-50 → Attractive Pen Holder Making

51 & Above → Best Out of Waste Making

SST

1. Map Work

On a political map of India, mark and label:

Delhi

Mumbai

Kolkata

Chennai

River Ganga

The Desert

2. Scrapbook Activity

Paste or draw pictures of any 5 National Symbols of India and write 2 lines about each.

Examples:

National Animal

National Bird

National Flag
National Flower
National Anthem

3. Short Answer Questions

Write answers in 40–50 words.

1. Why are resources important for humans?
2. What is democracy?
3. Name any three Fundamental Rights.
4. Why should we save water?
5. What is pollution?

4. Creative Activity

Make a small poster on the topic:

“Save Environment, Save Earth”
Use colours and slogans.

5. News Reading Task

Read newspaper for 10 days and write:
One important national news daily
One news word with meaning

ENGLISH

1. Reading Task (5 Marks)

Read any short story or chapter and write:

Name of the story

Main characters

Moral of the story

(80–100 words)

2. Grammar Practice (5 Marks)

Fill in the blanks:

1. She ___ going to school daily.
2. We ___ cricket yesterday.
3. Ravi and Aman ___ friends.
4. I ___ my homework now.
5. They ___ finished the work.

3. Vocabulary Work (5 Marks)

Write:

10 Synonyms

10 Antonyms

Make sentences using any 5 words

4. Paragraph Writing (5 Marks)

Write a paragraph on any one topic:

My Favourite Teacher

Importance of Trees

A Visit to a Park

(100–120 words)

5. Creative Writing

Write a short poem (6–8 lines) on:

Nature

or

Friendship



HOLIDAY HOMEWORK

WORKSHEET

Linear Equation in one variable

A Solve for the variable in the following equations :-

1) $8x = 6x + 10$

2) $4y = 5y - 6$

3) $13z = -12z + 100$

4) $18x = -13x + 62$

5) $5x + (-3) = 12$

6) $3(x+1) = 6$

7) $7(m-9) = 35$

8) $8(x+3) + 2 = 42$

9) $\frac{x}{-4} = \frac{3}{4}$

10) $\frac{x}{2} = -39$

11) $\frac{5t-7}{3t} = 2$

12) $\frac{2y+5}{y+4} = 1$

13) $\frac{2x+1}{3x-2} = \frac{5}{9}$

14) $\frac{2x}{3x+1} = -3$

15) $\frac{5y}{3} + \frac{2}{5} = 1$

B. A piece of rope k meters long is cut into 8 parts.

a) what is the length of each part?

b) If the length of each part is 5.50 meters, find the length of the whole rope?

C. Solve:

a) $3-k+2k = -2-5(1-k)$

b) $0.125x = 0.025(5x+1)$

Subject – MATHS

- Solve the following sums:
 - Find the value of $34^2 - 21^2$.
 - If $a = 5 - 2\sqrt{5}$, then find a^2 .
 - Find five rational numbers between $\frac{4}{5}$ and $\frac{7}{5}$.
 - If $x = 0.28$, then find x^3 .
 - Add $5\sqrt{2} + 4\sqrt{3}$ and $7\sqrt{2} - 6\sqrt{3}$
- Represent the rational numbers on number line.
 - $\frac{3}{4}$
 - $-\frac{8}{5}$
 - $2\frac{1}{2}$
 - $-\frac{7}{8}$
- Rationalise the denominators:
 - $\frac{5}{2+\sqrt{3}}$
 - $\frac{8}{\sqrt{5}-\sqrt{6}}$
 - $\frac{3}{\sqrt{5}}$
- If $x + y = 12$ and $xy = 32$, Find the value of $x^2 + y^2$. (Hint : use identity $(x+y)^2 = x^2 + y^2 + 2xy$ to substitute values)
- If $3x + 2y = 12$ and $xy = 6$, find the value of $9x^2 + 4y^2$. (Hint : use identity $(x+y)^2 = x^2 + y^2 + 2xy$ to substitute values)
- Write the following cubes in the expanded form:
 - $(3a + 4b)^3$
 - $(5p - 3q)^3$
- Represent the Number System with the help of a Flow Chart and write examples also.
- Learn and write algebraic identities.
- Make a list of law of exponents.
- Factorise :
 - $x^2 - 4x - 21$
 - $x^2 - 19x + 78$
 - $x^2 + 9x + 18$

Note: Do practice of all the sums in the given worksheets .