

FOR THE PARENTS

Summer Vacations are here. A few vital suggestions are listed below to make the vacations more exciting and fruitful than ever before:

- ✳ Keep at least half an hour a day for sharing experiences with your child.
- ✳ Encourage your child to speak in English. Fix one hour in a day when you communicate with your child only in English.
- ✳ Tell your child different stories regularly and encourage him to describe what he/she would do in a similar situation. Here are few suggested titles which you can read with your child.
 - a. Hare and the Tortoise
 - b. Emperor's New Clothes
 - c. Thumbelina
- ✳ Let your child colour, draw, paint, play with water and sand etc.
- ✳ Restrict his or her television watching, confining it to interesting children's programs, cartoon films, Discovery channel etc.
- ✳ To improve the formation of letters, make your child write a page everyday.
- ✳ Develop self-help skills: Let your child dress and feed on his/her own.
- ✳ Make him understand the importance of cleaning his room and putting away toys and belongings after use.
- ✳ Take your child out for picnics and to other places of his/her interest. Ask him/her to make a note of all the places he/she visits and the things he/she sees so that he/she is able to discuss his/her experience in class after the vacation

Have a nice time!

Dr. Manoj Kumar Singh
Principal

English

Topic: Art in Daily Life

General Instructions

Answer in simple and clear sentences.

Give at least one example in each answer.

Write neatly.

Activity Questions

I On the basis of given points compare and contrast cooking as an art and painting as an art:

1. Creativity

How is cooking similar to painting?

Write how a cook and a painter use their ideas to create something new.

2. Materials /Ingredients Used

What materials /ingredients are used in painting and cooking respectively?

Compare ingredients with colours and brushes.

3. Steps of Work

Write the steps of cooking a dish and making a painting.

How are these steps similar?

4. Presentation

Why is presentation important in cooking and painting?

Compare decorated food and a finished painting.

5. Culture

How do cooking and painting reflect the culture of a place?

Give one example of a dish and one example of a painting.

6. Your Opinion

Do you think cooking is also an art like painting?

(Write your answer in 4–5 sentences.)

II Art Activity

Warli Painting

Do some research on the Warli painting of an Indian tribe.

Choose a simple design and create your own Warli artwork on chart paper or cloth.

III Speaking Activity

Topic

“Cooking is also an Art like Painting”

Instructions

Speak for 1–2 minutes.

Use simple sentences.

Give one example.

Speak clearly and confidently.

Helping Points

Cooking needs creativity like painting.

Ingredients are like colours.

Both need practice.

Both make people happy.

While speaking:

- Speak clearly
- Use simple English
- Do not read from your notebook

You will present your speech in class after the holidays.

हिन्दी

निम्नलिखित में से कोई दो विषयों पर लिखे -

बाल पत्रकार

"मेरा खुद का समाचार-पत्र"

A3 साइज के कागज पर अपना हिन्दी अखबार बनाओ।

कम से कम इन 6 कॉलम को शामिल करें:

कॉलम	विषय
मुख्य समाचार	गाँव/मोहल्ले की कोई घटना
संपादकीय	आपकी अपनी राय
खेल समाचार	गर्मियों के खेल
पर्यावरण	एक पर्यावरण समस्या
मनोरंजन	पहेली या चुटकुले
कविता कोना	खुद की लिखी कविता

कम से कम 2 अंक (editions) बनाएं

2. जीवनी लेखन

"मेरे प्रेरणा-स्रोत"

- अपने परिवार के किसी बुजुर्ग का साक्षात्कार लें
- उनके जीवन की संघर्ष की कहानी लिखें
- प्रश्न-उत्तर शैली में साक्षात्कार लिखें
- साथ में उनकी फोटो या स्केच चिपकाएं
- अंत में लिखें – "उनसे मैंने क्या सीखा"

3. रचनात्मक लेखन चुनौती

"कलम की उड़ान"

निम्न में से तीन विधाओं में लिखें:

कविता – गर्मी, नदी, आम, बचपन, या किसी भी विषय पर (कम से कम 12 पंक्तियाँ)

SCIENCE

Choose any ONE of the following:

Option A: Herbarium Preparation

Prepare a herbarium file of any ten medicinal plants.

- Paste dried plant specimens or pictures.
- Write **two medicinal uses** of each plant.



OR

Option B: Crop Production File

Prepare a project file showing the stages of crop production, including:

- Soil preparation
- Sowing
- Irrigation
- Fertilization
- Harvesting
- Storage

Use diagrams, flowcharts, and proper explanations.

Crop Production and Management

Agriculture the practice of cultivating plants and rearing animals for food, fibre, and other products

Agricultural Practices

- Preparation of soil
- Sowing
- Adding manure and fertilizers
- Irrigation
- Protection from weeds
- Harvesting

Basic Practices of Crop Production

Types of Crops

- Kharif crops (e.g. paddy, maize, cotton)
- Rabi crops (e.g. wheat, gram, mustard)

Types of Crops (e.g. paddy, gram, mustard)

Social Science

1. Prepare a Project File highlight the following features:

A. Meaning of Marginalization

B. Important marginalised groups in India.

C. Reasons for their Marginalised condition.

D. Various steps taken by the government for their development.

E. Individual efforts suggested to challenge marginalisation.

OR

Prepare a working model of any one source of energy.

Example: Wind Energy, Solar Energy, Hydro-electricity etc.

Mathematics

Chapters Covered:

Ch.-1: Rational Numbers

Ch.-2: Exponents and Powers

Part A: Rational Numbers

Q1. Verify properties:

a) Verify closure property for $\frac{-3}{4}$ and $\frac{5}{7}$ under addition.

b) Verify commutative property for $(\frac{-2}{5})$ and $(\frac{7}{10})$ under multiplication.

Q2. Solve:

a) $(\frac{5}{6} + \frac{7}{12}) - (\frac{3}{4})$

b) $(\frac{9}{10} \times \frac{5}{6}) \div (\frac{3}{8})$

c) $[(\frac{2}{3})^2 + (\frac{5}{6})]$

Q3. Simplify:

a) $(\frac{3}{4} + \frac{5}{8}) \times (\frac{7}{9})$

b) $(\frac{11}{12} - \frac{5}{6}) \div (\frac{2}{3})$

Q4. Word Problems:

a) A rope of length $\frac{7}{8}$ m is cut into pieces of $\frac{1}{16}$ m each. How many pieces?

b) The sum of two rational numbers is $\frac{5}{6}$. If one is $\frac{1}{3}$, find the other.

Part B: Exponents and Powers

Q1. Simplify using laws of exponents:

a) $2^5 \times 2^{-3}$

b) $(3^4)^2$

c) $5^6 \div 5^2$

d) $(4^2 \times 4^3) \div 4^4$

Q2. Evaluate:

a) $(2^3 \times 3^2) \div (6^2)$

b) $(10^5 \times 10^{-2})$

c) $(8^2 \div 2^3)$

Q3. Express in standard form:

a) 0.00045

b) 5600000

Q4. Word Problems:

a) Express 125000 in scientific notation.

b) Find the value of $3^2 \times 2^3 \times 5^2$.

Activity Work: Find out any five real-life examples based on exponents and powers and write laws of exponents.

Note:- All the above questions and the activity must be completed in the Practical notebook.