

SUMMERCAMP

**APEX PUBLIC SCHOOL
SANT NAGAR BURARI,
DELHI-110084
HOLIDAYS HOMEWORK
(2024-25)**

**Summer Break:
where every day is a
chance to let your
inner child shine**



GERMAN HOLIDAY HOMEWORK

Ques 1) You are a shopkeeper, prepare a beautiful menu for your shop on an A4 size coloured sheet. (Take help from Kurs Buch PAGE 11)

Ques 2) Imagine you go to a restaurant and order something to eat. Write a dialogue between you and the shopkeeper

(Take help from Kurs Buch PAGE 11). To be done on a coloured A4 size sheet.

Ques 3) Make a beautiful chart on a coloured A4 size sheet of your favourite
FOOD ITEMS and DRINKS. (Take help from Kurs Buch PAGE 9)

Ques 4) Write the VERB KONJUKATION of the following verbs in your notebook: -

* ESSEN

* TRINKEN

*MÖCHTEN

* NEHMEN

Subject -Mathematics

1.Do Revision Exercise of Ch-1 & Ch-2 in a SEPARATE Notebook.

2. Make Two puzzles of Your Own (Refer Example given on page 26, Exercise - 1.3 Q.3)

3. Prepare Model of Park on Cardboard: Refer to Page no. 46 of the Math's book & answer the given questions related to the model on the A-3 Size sheet)

4. Write properties of Integers (Closure, Commutative, Associative) for Addition, Subtraction, Multiplication and Division on an A-3 size sheet. (Use separate sheets for addition, and subtraction. multiplication and division)

5. Revise chapters 1 & 2 for PA 1

SUBJECT- FRENCH

1. Research and make a chart on the following topics.

- a) Roll no 1-10 - French Fashion in France
- b) Roll no 11-20 - French cuisine (Food, cheese, etc.) |
- c) Roll no 21-30 - Museums & Monuments.
- d) Roll no 31 - to the last roll number - French famous personalities.

2. Traduisez en français - Translate in French and write it on an A3 size sheet.

- a) Good morning, sir!
- b) Good afternoon, ma'am!
- c) Hello, how are you?
- d) Good evening, miss!
- e) See you again!
- f) See you soon!
- g) Thank you very much!
- h) Please (formal)
- i) How are you? (informal)
- j) Happy birthday
- k) Happy journey
- l) Please (informal)
- m) I am fine, thank you! (informal)
- n) I am fine, thank you (formal)

SUBJECT – HINDI

नोट:- ग्रीष्मकालीन अवकाश गृहकार्य हेतु एक अलग कॉपी बनाएं।

कार्य सुंदर ढंग से पूरा करें।

1. प्रतिदिन अखबार पढ़ें, उसमें से कठिन शब्दों को अर्थ सहित अपनी कॉपी में लिखें। अखबार में दिए गए रोचक तथ्य अथवा सुर्खियाँ काटकर कॉपी में चिपकाएं।

2. अपने अनुसार किसी एक रोचक विषय पर स्वरचित कविता लिखें।

3. अनुक्रमांक 1 से 10 प्रेमचंद की एक कहानी/कविता पढ़ें व उसका सारांश अपने शब्दों में लिखें।

अनुक्रमांक 11 से 20 महादेवी वर्मा की एक कहानी/कविता पढ़ें व उसका सारांश अपने शब्दों में लिखें।

अनुक्रमांक 21 से 30 रवींद्र नाथ टैगोर की एक कहानी/कविता पढ़ें व उसका सारांश अपने शब्दों में लिखें।

अनुक्रमांक 31 से 40 हरिवंश राय बच्चन की एक कहानी/कविता पढ़ें व उसका सारांश अपने शब्दों में लिखें।

4. भारत का राष्ट्रगान " जन गण मन " अपनी कॉपी में लिखें व इसका सही उच्चारण में सस्वर वाचन करें।
5. अब तक कराए गए पाठों के प्रश्न उत्तरों को दोहराएं एवं याद करें।
6. आपने अपने ग्रीष्मकालीन छुट्टियों का आनंद कैसे उठाया? अपने अनुभवों को अपने शब्दों में लिखें।
7. सुंदर लिखावट में 5 पृष्ठ सुलेख लिखें।

SUBJECT: - SCIENCE

1. Read and learn the questions and answers of Ch-1: Nutrition in Plants and Ch-12: Time and Motion and prepare it for PA-1.
2. Do the following questions in a notebook: -
 - a) Unscramble the following to form terms related to the mode of nutrition and write a short note on it.

A) RASPAEIT
B) ROPEHYTSAP
C) TOROPHAUT
D) SIBIOMSYS
 - b) How is a stopwatch different from an ordinary watch?
 - c) Pendulum clocks generally run fast in winter and slow in summer. Why?
 - d) Why is 'invar' used in making a pendulum clock?
 - e) The bob of a simple pendulum is made of wood. If it is replaced by a similar bob made of iron, how will it change the time period of the pendulum?
 - f) **Read the following passage and answer the following questions in brief.**

1. PHOTOSYNTHESIS

Green plants make their food in the presence of sunlight by a process called photosynthesis. This is the start of the Food chains of living things. Animals are unable to make their own food so they eat plants or other animals to get the food they need. The animals they eat may have eaten plants, or other

animals that ate plants. Ultimately all food comes from the food made by plants by the process of photosynthesis and all energy in food comes from sunlight. During photosynthesis, chlorophyll, the green pigment in plants, traps the energy from sunlight and uses it to join carbon dioxide and water to make glucose and oxygen. Carbon dioxide enters the plant from the air through small holes in the leaf called the stomata. Isn't it interesting to know that the life-supporting gas that all living organisms need to survive (oxygen) is a byproduct of the same process that plants undergo to trap solar radiation? So now you understand if there would be no green plants on this planet, what could happen?

Q 1.1: What is the ultimate source of energy?

- (a) Plants
- (b) Sun
- (c) Animals
- (d) Oxygen

Q.1.2. Plants prepare their food by using some materials present in nature. Name these materials.

Q.1.3. How does carbon dioxide enter the plants?

Q.1.4. Carnivores are also dependent on green plants even though they eat flesh.

Justify the statement.

Q.1.5. What do you think can happen if all the green cover of planet Earth vanishes?

2. PLANTS WHICH HUNT

Some plants cannot prepare their own food as they do not have chlorophyll. We generally see a yellow wiry branched structure twinning around the stem and branches of a tree figure 'a'. This is a plant called cuscuta. It does not have chlorophyll; it takes readymade food from the plant on which it is climbing. The plant on which it climbs is called the host and it itself is called a parasite.

In the figure, you can see the amazing structure of plants. These are actually modified leaves having pitcher-like or jug-like shape. The apex of the leaf forms a lid-like

structure that can open or close the mouth of the pitcher. Inside the pitcher there are

hair which entangles the trapped insect. The insect is killed by the juices secreted in

the pitcher and the nutrients are absorbed. Such insect-eating plants are called insectivorous plants. Such plants are found in Australia, Indonesia and Meghalaya in

India.

Q. 2.1: Pitcher-like structure is:

- (a) Modified stem
- (b) Modified branch
- (c) Modified leaf
- (d) Modified bud

Q. 2.2: If the pitcher plant is green and carries out photosynthesis, then why they are called as carnivores plants?

Q. 2.3: These plants have a special smell that:

- (a) Attracts insects.
- (b) Keep the environment pleasant.
- (c) Attracts the tourists.
- (d) Provides its pitcher-like shape.

Q. 2.4 The plant shown in Figure 'a' is non-green and does not have even the expanded

leaves. Then how could it survive on the plant on which it is growing?

Q. 2.5. In India where can you find cuscuta and insectivorous plants?

3. Find out why and how the concept of TIME evolved. Make a project on it. You can paste pictures also.
4. Visit Jantar Mantar or collect information about it and find out how it helps finding out the time of the day. Prepare a report of your findings.
5. Select a topic of science and make a working model on it.

SUBJECT - ENGLISH

1. Make a collage of Major Women authors of the 19th century. Why women authors used to write with a 'PEN NAME'? Find out one such author and write about her.
2. Write one page of cursive writing for fifteen days.
3. Read a book of your choice and write a review including:
 - Title
 - Main characters
 - Plot
 - Theme
4. Express your love for your father on this "Father's Day" by presenting him a card entitled "ALL ABOUT MY DAD".
5. Write synonyms and antonyms of twenty words.
6. Revise the syllabus taught so far.

Note: The homework must be compiled in a Spiral Notebook.

Subject- Art and Craft

- Hanging Ball Decoration
- ◆ Materials to be used-
 - Plastic Big Ball
 - Colourful Papers
 - Lace (Gota)
 - Fevicol
 - Decorative Accessories

CS holiday homework

- 1) Prepare a scrapbook and paste different types of components used in robotics.
- 2) Draw and label any one component on an A4 size Pastel sheet.

3) Prepare an Excel sheet with Lok Sabha election in Delhi 2024 results and then present these results in at least 3 ways in Charts. (Bring printout)

4) Learn the Colour code of Resistance and draw a diagram with their calculations of the following Resistance (in A4 size Pastel sheet)

5)330 Ohm

6)663 Ohm

7)1000 Ohm

or

1 K Ohm

8)10000 Ohm

or

10 K Ohm

9)100000 Ohm

Or

100 K Ohm

Subject – Social Science

1. Revise all the chapters done so far. And complete all book exercises.
2. Complete the worksheets of chapters 1 and 2 given at the end of the chapter.
3. Create a fictional urban locality using drawings or models. Include elements such as roads, buildings and infrastructure. Explain the features you included and why. Your model can be a futuristic city free from traffic jams.
4. Terracotta Tile Art: It was used in as early as 3000 BC. This form of art was used to depict stories.
Create your own terracotta Tile Art in an A4 size sheet.
5. Create a Travel Brochure: Students can imagine themselves as travel agents promoting a historical or geographical destination. They can create a colourful brochure with information about the destination's attractions, history, and cultural significance.
6. Differentiate between reuse and recycle. Make any 2 useful products from the waste materials like bangles, invitation cards, newspapers, etc.