



N.K. BAGRODIA PUBLIC SCHOOL
SECTOR-9, ROHINI, DELHI -110085

HOLIDAYS HOMEWORK



CLASS - 9
2026-2027

EVERY DAY ADDS A NEW CHAPTER TO YOUR GROWTH STORY

ENGLISH

1. Prepare an interdisciplinary project on India's major geographical features. For each feature, describe the region, explain its importance in the lives of the people living there and mention the languages spoken in that region. Include one example of each of the following.

- **Mountains-Himalayas, Western Ghats, etc.**
- **Rivers-Ganga, Yamuna, Krishna, Kaveri, Godavari, etc**
- **Deserts-Thar Desert, Rann of Kutch, etc.**
- **Valleys-Kangra Valley, Nubra Valley, etc.**
- **islands-Andaman and Nicobar Islands, Lakshadweep, etc.**
- **Plateaus - Deccan, Malwa, Meghalaya, etc.**

Speaking Activity

2. Think of an object, song, or a place that is memorable for you. Speak about using the prompts given on Page 134 in Kaveri.

- **Introduce it briefly**
- **Describe it in detail including sensory details**
- **Narrate the specific memory associated with it**
- **Explain how it has impacted your life.**
- **Summarise why this memory is meaningful to you even now**

HINDI

1. कहानी 'दो बैलों की कथा' के आधार पर 'हीरा व मोती की बातचीत' विषय पर 2 मिनट का पॉडकास्ट (इंटरनेट पर उपलब्ध सुनने वाला कार्यक्रम) की प्रस्तुति कीजिए।
(चित्रों सहित)
2. भारत के नक्शे में अंडमान निकोबार द्वीप समूह की सुंदरता समुद्र और पर्यटन स्थलों का नाम लिखकर चित्रात्मक प्रस्तुति कीजिए

SANSKRIT

वनस्पति - संग्रह - पत्रिका (Herbarium File)

विषय: - औषधीयाः, सुगन्धित - पुष्पयुक्ताः, तथा विशालाः वृक्षाः एवं वनस्पतयः

1. भवन्तः वनस्पति - संग्रह - पत्रिकां निर्मान्तु। निर्देशान् ध्यानेन पठन्तु। समस्त-कार्यं विषय-रजिस्टर स्थाने एव कुर्वन्तु।

अ) पत्रिकां त्रिषु भागेषु विभज्य निर्मान्तु -

i) प्रथमं औषधीयाः वृक्षाः वा वनस्पतयः - यथा - नीम, तुलसी, ऐलोवेरा (त्रयः 3)

ii) द्वितीयं सुगन्धितपुष्पयुक्ताः वृक्षाः वा वनस्पतयः - यथा - चम्पा, पारिजात, मधुमालती (त्रयः 3)

iii) तृतीयं राज्ये प्राप्ताः विशालाः वृक्षाः, यथा - वट, पीपल, आम (त्रयः 3)

आ) वृक्षाणां पत्राणि पुष्पाणि च शोषयित्वा (dry) पत्रिकायां स्थापयन्तु।

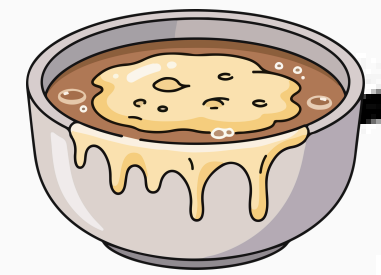
इ) एतेषां सम्बन्धितानि चित्राणि अपि श्लेषयन्तु।

ई) प्रत्येक- वृक्षस्य वा वनस्पतेः नाम प्रथमं संस्कृते, ततः हिन्दी-भाषायां, अनन्तरम् अंग्रेज़ी-भाषायां अपि लिखन्तु।

2. पुनरावृत्तिः - प्रथमा सावधिकी परीक्षा पाठ्यक्रमः

FRENCH

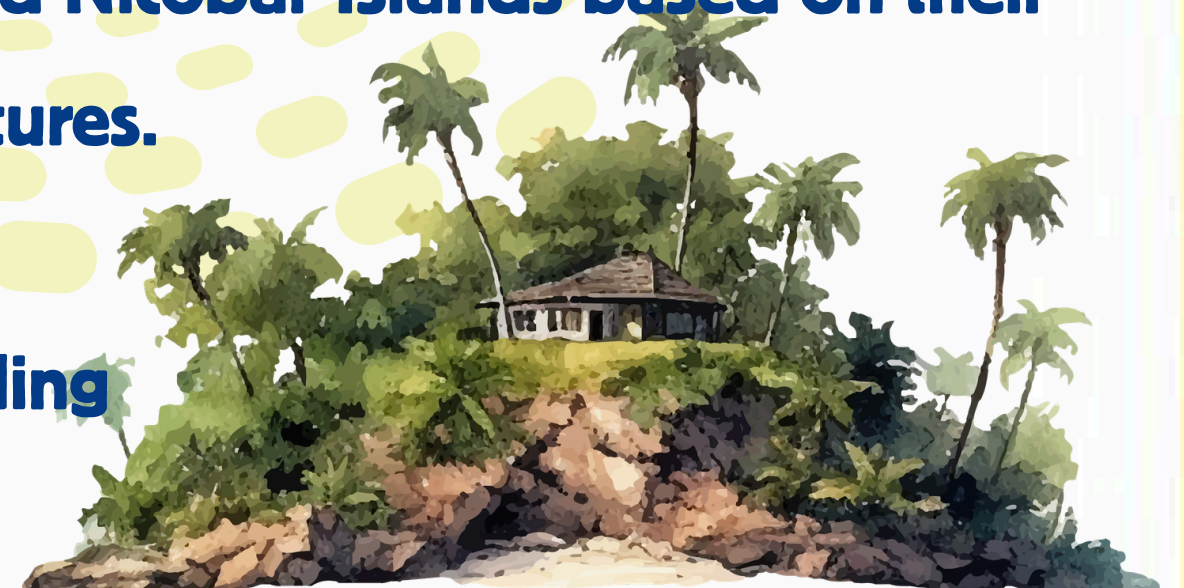
- Prepare a French dish , write its recipe in French and its ingredients in French notebook .
- Complete cahier exercices lesson 1 and 2 .



SOCIAL SCIENCE

While both island groups(Lakshadweep and Andaman and Nicobar)are part of India and lie in surrounding seas, they differ significantly in their geography, culture, and environment.

- Prepare a Project using A4 size sheets (8-10)/ Powerpoint presentation with 15-18 slides comparing Lakshadweep and Andaman and Nicobar Islands based on their location, formation, culture, and characteristic features.
- The use of maps, illustrations, and collages is recommended to make the project visually appealing and informative.



MATHEMATICS

Read the questions carefully and answer the following.

Case 1: Circular Park

Three friends are playing with a toy phone made up of thread and matchbox.

The positions of the three friends are:

A (1, -8), B (-4, 7) and C (-7, -4).



Based on the given information, answer the following:

- Show that the three friends are sitting on the boundary of a circular park whose centre is at origin O (0, 0). Also find the radius of the circle.
- Given the points D (-5, 6) and E (0, 9), check whether these points lie inside the circle or outside the circle.

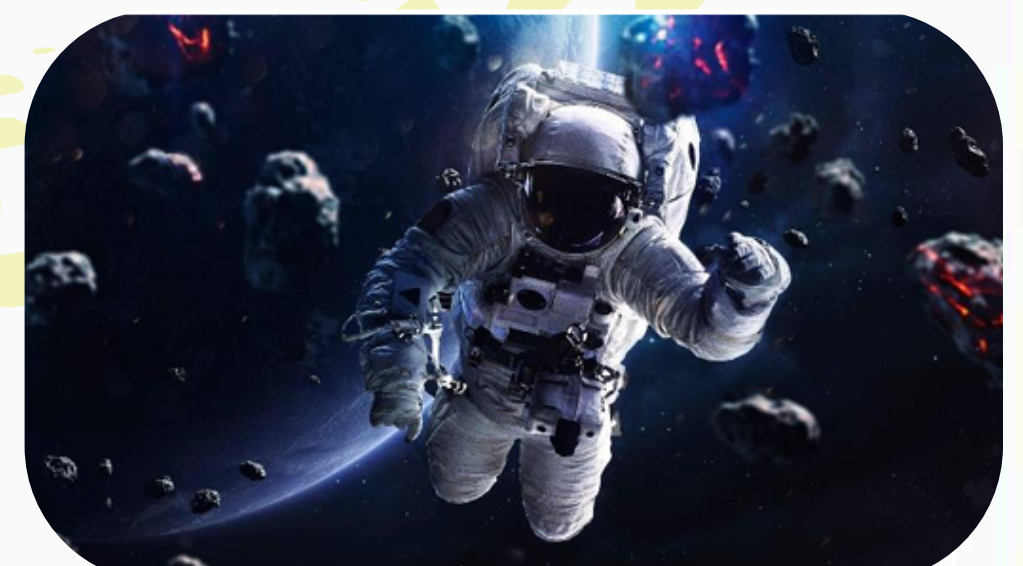
Case 2: Astronaut Position

An astronaut is stranded at an unknown point. Signals are received from:

Station A (0, 0) and Station B (6, 0).

The location of the astronaut satisfies:

- He is equidistant from both stations.
- He is 4 units above the line joining them.



Based on the given information, answer the following:

- Find the coordinates of the astronaut.
- How many such positions are possible?
- If the astronaut moves 2 units further up, find his distance from both stations.

MATHEMATICS

Case 3 Water stored in a tank is an important resource for daily life. It ensures that we have a steady supply for drinking, cooking, cleaning, and gardening, even when the main water supply is interrupted. Tanks can be made of concrete, plastic, or metal, and they help conserve water by storing rainwater or piped water for later use. Keeping the tank clean is essential to maintain the quality of the water. Tina tracks water in a tank: Initially it had 1000 l of water. It gets filled at 50 l per min for 10 minutes.



Then due to leakage problem the water leaks from the tank at 10 l per min.

Based on the above information answer the following questions:

- How many litres of water will be there in the tank after 10 minutes (without leakage)?
- Form a linear expression for filling phase.
- Form a linear expression for leaking phase.
- Based on part (c) when will the tank will have 1000 l?



Case 4 A laptop is bought for ₹ 75,000. It loses ₹ 3500 every year. After 6 years, it starts losing only ₹ 2000 per year. Based on the above information answer the following questions: (a) Find the value of the laptop after 6 years. (b) Form a linear expression before and after 6 years. (c) After how many years, the cost of laptop will become ₹ 30,000?

Note:

- These questions to be done in homework register.
- Practice worksheet to be shared separately.

SCIENCE

Theme: Andaman & Nicobar Islands

 **Topic 1:(roll no 1-15) Biodiversity of Andaman & Nicobar Islands**

Make a 3D Diorama of the island ecosystem. Include:

- * **Rainforest**
- * **Coral Reef**
- * **Mangroves**



***Prepare a Food Chain Chart of the island ecosystem. Example:**

Sun → Plants → Insects → Birds → Snake → Eagle

 **Topic 2(roll no 16-30) Renewable Energy in Islands**

Make a colourful 3D Diorama on Save Energy

OR

Make a CD Diorama of Future Green Andaman Island. Include:

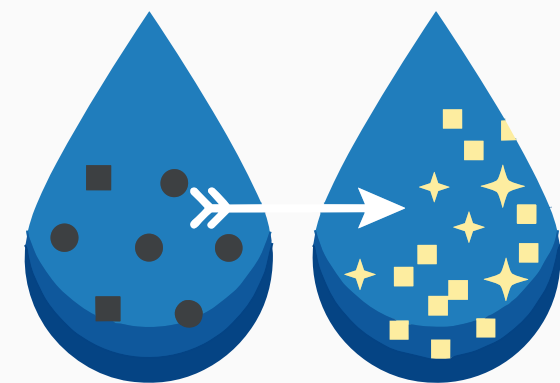
- * **Solar Panels**
- * **Windmills**
- * **Tidal Energy Plants**
- * **Other Renewable Energy Sources**



 **Topic 3(roll no 31-45) Water Purification in Islands**

Prepare 3D Diorama label the Water Purification Process. Include:

- * **Desalination Plants**
- * **Filtration**
- * **Filter Model**
- * **Save Water Message**
- * **Water Cycle**



INFORMATION TECHNOLOGY

Topic: One Day Without Technology

Task: Spend one day without using any technology (mobile, TV, internet, etc.) and present your experience creatively.

Choose ANY ONE Format:

1. Comic Strip Using Canva

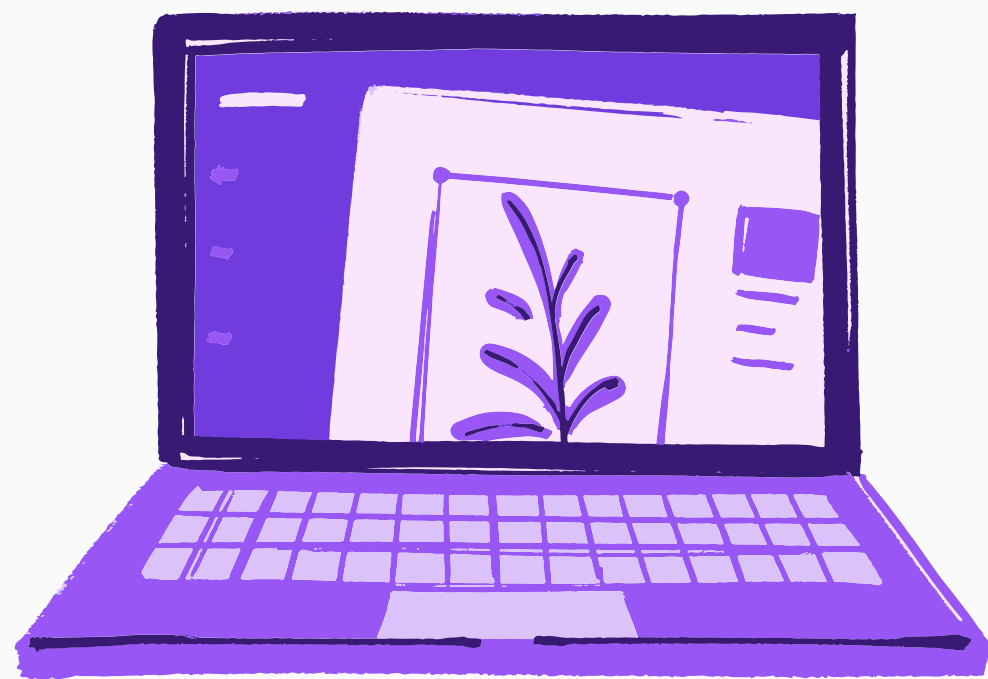
Create a comic strip (6–8 boxes) showing:

Your day without technology

Activities you did

Challenges and funny moments

What you learned



2. Poster Using Canva

Drawings/illustrations

Slogans or quotes

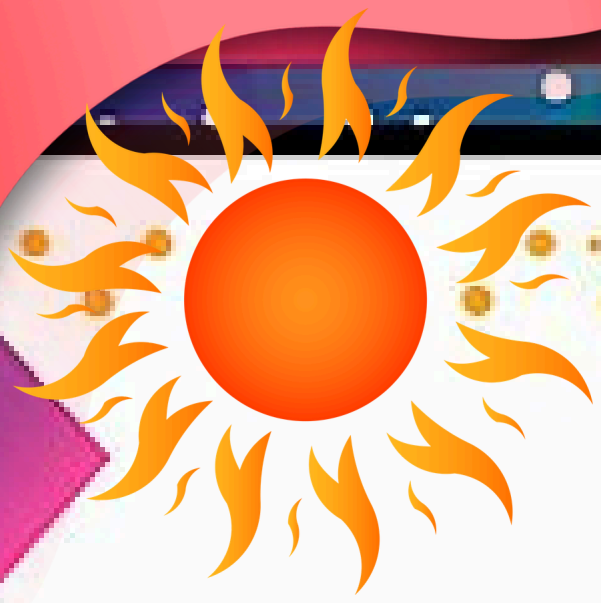
Key experiences

PAINTING



Creative Art (Best out of Waste)...

Prepare a beautiful Art work using Waste materials as Newspaper, Bottles, Bangles, Pista shells etc.



SUMMER HOLIDAYS

Sun is strong, but your precautions are stronger

- **Stay Hydrated** – Drink plenty of water throughout the day, even if you are not thirsty. Avoid sugary and caffeinated drinks.
- **Avoid Direct Sunlight** – Stay indoors during peak hours (12 PM to 4 PM) when the sun is strongest.
- **Wear Light Clothing** – Choose loose, light-colored, and breathable clothes like cotton.
- **Use Sun Protection** – Wear hats, sunglasses, or use an umbrella when going outside.
- **Eat Light Meals** – Prefer fresh fruits, vegetables, and easily digestible food. Avoid heavy, spicy meals.
- **Keep Your Home Cool** – Use curtains, fans, or coolers to maintain a comfortable indoor temperature.
- **Take Frequent Breaks** – If working outside, rest in shaded or cool areas regularly.
- **Never Leave Anyone in Parked Vehicles** – Especially children or pets, as temperatures rise quickly.
- **Recognize Symptoms** – Watch for signs like dizziness, headache, nausea, or excessive sweating—these may indicate heat exhaustion.
- **Take Cool Showers** – Helps in lowering body temperature.
- **Check on Others** – Look after elderly people, children, and sick individuals as they are more vulnerable.
- **Use ORS or Electrolytes** – Helps maintain salt balance in the body during excessive sweating.

