

PRINCIPAL MESSAGE

Dear Parents,

Greetings of the day! As we approach the summer vacation, I would like to extend my heartfelt thanks to you for your constant support and cooperation throughout the academic session so far. Together, we have been able to guide and motivate our students towards holistic growth and now it's time for them to take a well-deserved break.

Summer is a season of both fun and caution. We request you to kindly ensure that your ward stays hydrated, eats nutritious seasonal fruits, and avoids going out during peak heat hours. Encourage them to wear light, comfortable clothing and follow a healthy daily routine.

This break is also a wonderful opportunity for children to develop life skills, pursue hobbies, read good books and spend quality time with family. We encourage you to engage your child in constructive activities, light revision and creative learning experiences that enhance their curiosity and confidence. You can teach your ward tasks which will lead him/her to be self-dependant. Some of the tasks include age appropriate cooking, cleaning, gardening, household purchases, housekeeping etc. Please do not forget prayers and expression of gratitude. Also, have family meals together and develop good bonding within the family.

We also request your support in ensuring that the holiday homework is completed sincerely and submitted on time. While academics are important, this break should also be a time for rest, reflection and emotional well-being.

Let us work together to make this summer break safe, healthy, and enriching for our children. Looking forward to welcoming them back refreshed and re-energized.

Warm regards,
Sarika Kute
Principal
Bal Bharati Public School, Nabinagar

SUBJECT: ENGLISH

- Q1. Read any novel and write a review of your own in about 200 words.
- Q2. Add a new character to the story "Three Questions" and describe its role, with a different ending. (Word limit 150 words). Also draw a relevant picture.
- Q3. Write a Quatrain (a four lines poem) of your own, on the topic: 'Beautiful Sweating Summer'. Also draw relevant picture.
- Q4. Write an article on 'Environmental Awareness'. Write the consequences of global warming and suggest measures to be taken to reduce pollution, in about 150 words.
- Q5. Write a paragraph on the roles of Commentators in Cricket Match. Write the skills and influences of commentary, in about 150 words.
- Q6. Teach English to any needy of your younger brother or sister. Write the challenges you face and find the solutions. (Word limit 150 words)

SUBJECT: HINDI

- हिरशंकर परसाई/हजारीप्रसाद द्विवेदी की कोई एक कहानी पढ़ें एवं अपने पसंदीदा पात्र के बारे में लिखें।
- 2. कृत्रिम बुद्धिमत्ता (Artificial Intelligence) के आ जाने से लोगों पर क्या असर पड़ा है ? अपने विचार प्रस्तुत कीजिए।
- 3. आपने पाठ-'बस की यात्रा' पढ़ा है | किसी देश की तरक्की में यातायात के साधनों का क्या योगदान है ? लिखिए |
- 4. अगर आप बदलू की जगह होते तो क्या करते ? विस्तार से लिखिए।
- 5. भारत जैसे विशाल जनसंख्या देश के लिए 'वोकल फॉर लोकल (Vocal For Local)' अथवा 'मेक इन इंडिया (Make in India)' जैसी योजनाएँ क्यों महत्त्वपूर्ण हैं ? इस बारे में किसी स्थानीय कारीगर से बातचीत को संवाद के रूप में लिखिए।
- 6. अगर 'बस की यात्रा' की बस बोलने लगती तो वह अपनी क्या कहानी बताती ? उसी के शब्दों में लिखिए |
- 7. कविता-'दीवानों की हस्ती' को अपनी बोली अथवा मातृभाषा में अनुवाद करके लिखिए।
- कक्षा- पत्रिका के लिए कोई एक कहानी/कविता/चुटकुला/तथ्य-संग्रह लिखिए।
- 9. लेख सुधार के लिए प्रतिदिन एक पृष्ठ सुलेख लिखिए।

परियोजना कार्य - ग्रीष्मावकाश के दौरान जूही चावला व शबाना आज़मी अभिनीत फिल्म —'चॉक-डस्टर' देखिए तथा संक्षेप में अपने विचार लिखिए | जैसे — फिल्म कैसी लगी, फिल्म का विषय क्या है, गीत-संगीत कैसा है, अब कौन कौन-से बदलाव आए हैं आदि | _____

SUBJECT: SANSKRIT

1. संस्कृतशब्दार्थाः स्मरणीयाः(Remember Sanskrit Words with meaning) Chapter 1+2

- 2. धातुरूपाणि- गम् (लट्, लृट्, लङ्, लोट्, विधिलिङ्)
- 3. शब्दरूपाणि- अस्मद्, किम्(त्रिषु लिङ्गेषु)
- 4. अत्र, तत्र, कुत्र, सर्वत्र, अद्य, अधुना, ह्यः, श्वः, पुरा, यदा, तदा इन अव्यय पदों से 1-1 वाक्य बनाइए ।
- 5. किंही पाँच सुभाषितानि को अर्थ सहित लिखिए।
- 6. संस्कृत में 50 तक संख्या लिखकर याद कीजिए।
- छात्र चार्ट पेपर पर लट्, लृट्, लोट्, लङ्, विधिलिङ् लकार के प्रत्यय तथा गम् धातु के रूप लिखकर कक्षा में टाँगें।

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SUBJECT: MATHEMATICS

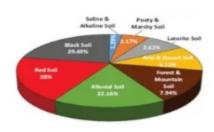
I. Data Analysis Assignment

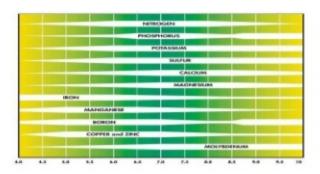
Objective:

To gather data regarding various factors related to soil properties and conduct data analysis using spreadsheet software Microsoft Excel to present and interpret the data.

Instructions:

- Gather data on the following factors:
 - a. Soil pH
 - b. Soil moisture
 - NPK (Nitrogen, Phosphorus, Potassium) level
 - d. EC (Electrical Conductivity) testing
 - e. Different types of soil categorized by crop-based classification
 - f. Water holding capacity of soil
- 2. Utilize Microsoft Excel to organize and analyse the collected data
- Present the findings in a comprehensive and interpretable manner using appropriate





graphs, charts, and statistical measures. Interpret the analysed data to draw meaningful conclusions about the relationships between different soil properties and their implications for agricultural practices.

Submission Guidelines:

- Submit the completed data analysis report in Microsoft Excel format (.xlsx).
- Ensure that the document is neatly organized and clearly labelled for each factor analysed.
- Include interpretations and insights derived from the data analysis.

Learning Outcomes:

Upon completion of this holiday assignment, students will:

- · Gain proficiency in collecting, preparing, representing, and analysing data.
 - Cultivate an imaginative and creative mind set through the development of a gamified learning environment.
 - Acquire knowledge and hands-on experience in training and constructing an AI model using Teachable Machine, aiding individuals without agricultural backgrounds in engaging with farming through machinery or an app.
 - Enhance organizational skills and leadership qualities through collaborative group projects.
 - Understand the significance of agriculture, crops, and natural resources in food production, emphasizing the avoidance of food wastage.

II. Solve the following:

- Find the sum of all interior angles of a heptagon.
- 2. In a parallelogram PQRS, if $\angle P = (3x 5)^{\circ}$ and $\angle Q = (2x + 15)^{\circ}$, then find the value of x.

- 3. The perimeter of a parallelogram is 80 m. If the longer side is 10 m greater than the shorter side, then find the length of each side
- 4. Three fourth of a number exceeds its one third by 60. Find the number
- Assertion -Reason Based questions.
 - Both A and R are True and R is the correct explanation of A
 - ii) Both A and R are True and R is not the correct explanation of A
 - iii) A is True bur R is False
 - iv) A is Falser but R is True.
 - a. Assertion: A square, Rectangle and rhombus are all parallelograms

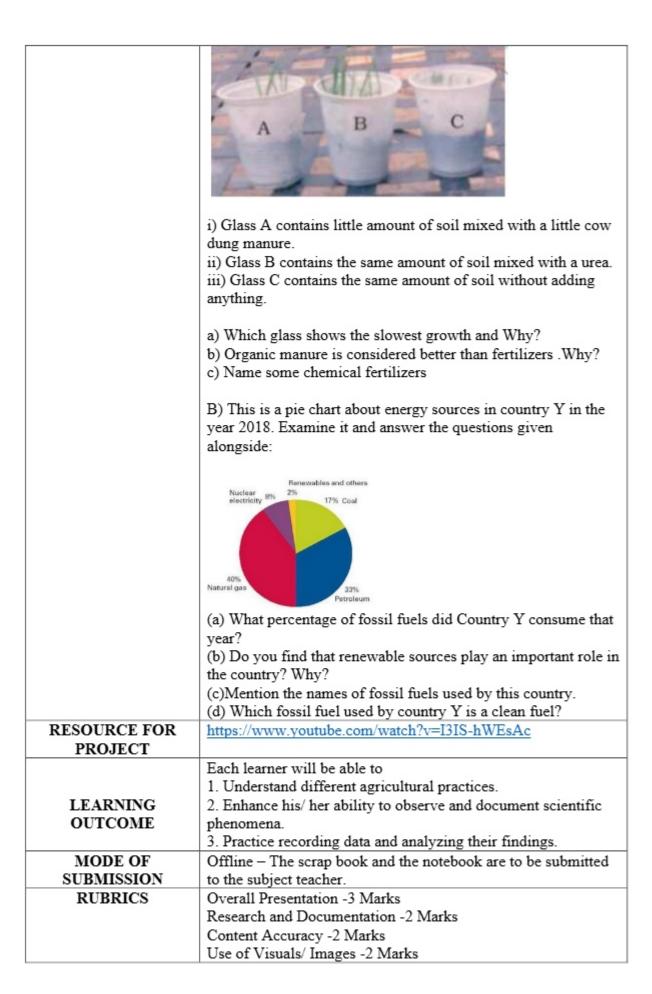
Reason: Quadrilateral has four sides.

 Assertion: ABCD is a square, AC and BD intersect at O. the measure of angle AOB =90°

Reason: Diagonals of a square bisect each other at 900

SUBJECT: SCIENCE

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ASSESSMENT	Multiple Assessment Strategy (MAS) – 5 marks
PARAMETER	Project Based Assessment (PBA) - 5 marks
TOPIC-PROJECT / ACTIVITY	Project Title: "A Mini Report on Farming Practices in My Region" Instructions: Choose a local crop (e.g., rice, wheat, maize). Collect information on: Type of soil and climate needed Sowing techniques Tools and machinery used Irrigation methods Fertilizers and manure used Harvesting and storage Add photographs/drawings. Present as a scrapbook
COMPETENCY BASED/CASE BASED	A) In the Fig below in glasses A,B and c gram seeds are grown



Timely Submission -1 Marks

SUBJECT: SOCIAL SCIENCE

Enrichment Activity/Project: I

'Water Audit at Home'

Competency: Real-life Application, Analytical Thinking, Sustainable Practices Activity:

- Track water usage at home for a day (drinking, bathing, washing etc.).
- Identify areas of excess use.
- Suggest 3 ways to conserve water in your household.
 Extension: Create a slogan or poster to spread awareness on water conservation.

Learning Outcomes:

Through this activity, students will learn to observe daily water usage, identify wastage, and suggest simple ways to save water. They will become more aware of the need for conservation and express their ideas creatively through posters or slogans.

Enrichment Activity/Project: II

'Soil in My Surroundings' - Mini Soil Study

Competency: Observation, Scientific Thinking, Environmental Awareness Activity:

- Collect small soil samples from 2-3 places near your home or school (e.g., garden, roadside, field).
- Observe and record: colour, texture, moisture, smell.
- Match with soil types (alluvial, black, red etc.).

Follow-Up Question:

Which type of soil is best for growing crops in your area, and why?

Learning Outcomes:

Through this activity, students will observe and compare different soil samples, developing scientific thinking and environmental awareness. They will learn to identify soil types based on texture, color, and moisture, and understand which soil is suitable for farming in their area. This will help them connect classroom knowledge with real-life experiences and appreciate the importance of soil as a natural resource.

Enrichment Activity/Project: III

Interview an Elder (Oral History Project)

Competency: Inquiry-Based Learning | Historical Empathy

Activity:

- Students interview an elder about life 30-40 years ago (schools, transportation, festivals).
- · Present their findings through a short report or speech.

Extension Question:

How does listening to real-life experiences make our understanding of history richer?

Learning Outcome:

They will gain **historical empathy** by understanding how life was different 30-40 years ago, particularly in areas such as schooling, transportation, and festivals. By interviewing an elder, students will deepen their ability to ask insightful questions and actively listen to real-life experiences.

SUBJECT: COMPUTER

Chapter: 1 - Open Shot Video Editor

Instructions:

Dear Students.

During the summer break, please complete the following assignments based on

Chapter 1 – Open Shot Video Editor. Submit the work in a neat and organized manner when school reopens.

Homework Tasks:

Creative Video Editing Task:

- Use Open Shot Video Editor to create a 1-2 minute video on any one of the following topics:
 - My Summer Vacation Plan
 - Save Environment
 - Importance of Discipline
- Include title, transitions, background music, and at least 2 clips.
- Export the final video and save it in a pen drive or upload to Google Drive (if instructed by your teacher).

2. Notebook Completion:

Complete all exercise questions from Chapter 1 in your class notebook.

- Include:
 - MCQs, Fill in the Blanks, True/False, and Short Answer Questions
- 3. Write-Up (Hard Copy):
 - On an A4 sheet, write a short paragraph (100–150 words) on:
 "How video editing is useful in today's world"
 - You may decorate the sheet creatively.
- III Submission Date: First day after summer vacation
- * Note: All work must be done neatly, and the video must be your original creation.

Enjoy your holidays, explore your creativity, and make learning fun! 🐥