

G D GOENKA PUBLIC SCHOOL MODEL TOWN
HOLIDAY ENGAGEMENT (2024-2025)
CLASS – V
THEME - SUSTAINABILITY

“Sustainability is no longer about doing less harm. It’s about doing more good.”

**In the warmth of the holiday sun,
Let's embark on learning, one by one.
With pencils poised and minds awake,
Our holiday homework journey we'll take.**

**Through pages filled with knowledge bright,
We'll explore new worlds, day and night.
So let's dive in with hearts aglow,
And let the seeds of wisdom grow.**

General Instructions:

- Your creativity, originality, and efforts will be appreciated.
- Do the holiday homework in the holiday homework file.
- Follow the instructions provided for each activity.
- You may use the internet, newspapers, magazines or encyclopedias to gather information and pictures.
- Submit your project on the assigned date when school reopens after the summer vacation.

ENGLISH

1. **The Magical Forest's Secret** ~ Create a story set in a magical forest where all the trees, plants, and animals work together to keep the environment healthy. Introduce a character (a human child or an animal) who discovers this secret and learns valuable lessons about sustainability, sharing these insights with their community.
2. **Activity:**
Bird Feeder: Design and construct a bird feeder using recycled plastic bottles. Use simple materials like plastic bottles, twine and birdseed to build the feeder, ensuring it's safe for birds to use. Decorate it to make it visually appealing then install it in a natural setting to attract birds.
3. **Resource book** do Question no. 1 of paragraph writing and Reading comprehension Birbal's wit
4. **Read the book 'The Adventure of Tom Sawyer'**.
In the story Tom Sawyer exhibits both mischievous behavior and moments of courage and kindness. Choose one scene from the book where Tom demonstrates bravery or compassion. Describe the scene, explain why it shows Tom's character growth, and discuss the impact of his actions on the story or other characters.

HINDI

विषय - सतत विकास लक्ष्य(SDG GOAL) – जलीय जीवों की सुरक्षा

1. लेख सुधारने हेतु कहानियों की पुस्तक में से कहानी पढ़कर कोई पाँच सुलेख स्पायरल में लिखिए।
2. संवर्धन कार्य पत्रिका में पृष्ठ संख्या - 2 और 9 पूरा कीजिए ।
3. प्रदूषण और प्लास्टिक हमारे पर्यावरण के लिए हानिकारक हैं, साथ ही ये जलीय जीवों को भी प्रभावित करते हैं । ए-4 साइज़ शीट पर एक पोस्टर बनाते हुए दर्शाइए कि प्लास्टिक और प्रदूषण किस प्रकार जलीय जीवों को प्रभावित करते हैं ।
4. जलीय जीवों की सुरक्षा के लिए आप क्या उपाय कर सकते हैं ? किन्हीं चार उपायों को चित्र सहित दर्शाइए ।
5. अपने समय का सदुपयोग करने हेतु हिंदी की निम्नलिखित कहानियाँ पढ़िए -

* दो बैलों की कथा

* बीरबल की खिचड़ी

* काबुलीवाला

* सबसे बड़ा दानी

MATHS

1. Sustainable Goal - Responsible production and Consumption

“Energy conserved is life preserved” Energy consumption is an imperative part of our lives. Life today is unimaginable without energy resources. For our future generations to avail the same benefits, we need to work towards responsible consumption. Let’s begin from our homes. Electricity is widely used in every household on a daily basis.

The amount of energy consumed by various electrical appliances is given in the table below:

| APPLIANCE | POWER USED PER HOUR |
|--------------------|---------------------|
| 1. Tube light | 30W |
| 2. Ceiling fan | 30W |
| 3. Air Conditioner | 1500W |
| 4. Microwave | 500W |
| 5. T.V. | 80W |
| 6. Computer | 20W |

Collect the data for power consumption by the above appliances in your house for 10 days (using the table given above). For example, if you are using 3 tube lights for four hours in a day, then power consumed by the tube lights would be $3 \times 4 \times 30W = 360W$. Similarly, power consumed can be calculated for other appliances for one day and hence for ten days.

- Calculate the total energy consumed by your family in 10 days.
- Enlist various measures to be taken to reduce energy consumption. Tabulate how much energy we can save by taking these measures. Also mention the advantages of saving energy.

2. Design a Game or a Crossword Puzzle using the mathematical concept of four fundamental operations.

3. Complete Pg no. 2 to 5 from the Resource Book.

EVS

Resource Book Work ch: 3 Let Us Play

Seed Germination in a Bag: Moisten a paper towel, place seeds inside, seal in a bag, and observe the germination process. Record your observation in a table and present it beautifully with pictures.

Sketch a sport personality: Students will sketch themselves as their favourite sports person and write about his/her achievements. Note-This work needs to be done in EVS notebook.

FRENCH

"The future is green energy, sustainability, renewable energy."

Make a wall hanging in hexagon shape representing the map of France. Paste or draw pictures related to french culture like cheese, fashion etc. Create a collage on "La France" which will represent the culture of France. Ensure to use environment friendly material to make the hanging attractive.

SANSKRIT

पर्यावरणनाशेन नश्यन्ति सर्वजन्तवः ।
पवनः दुष्टतां याति प्रकृतिविकृतायते ॥

पर्यावरण संरक्षण से संबंधित किन्हीं पाँच वस्तुओं के चित्र बनाकर उनके नाम संस्कृत में लिखिए तथा इनका वर्ण विच्छेद भी कीजिए ।

GERMAN

Erstelle eine reichhaltige Collage mit Bildern, die die kulturelle Nachhaltigkeit in Deutschland darstellen (Recyclingpraktiken, umweltfreundliche Transportmittel und erneuerbare Energiequellen) und beschrifte sie auf Deutsch! (Create a rich collage with pictures representing cultural sustainability in Germany (recycling practices, environmentally friendly transportation, and renewable energy sources) and label them in German!)

