HOLIDAYS HOMEWORK(CLASS-7)

Subject -English

- Write three new words daily in your English notebook along with their meanings, synonyms, and antonyms. Practice and revise these words regularly.

- Prepare a travel brochure featuring your favorite tourist destination in India. Include relevant pictures and interesting facts.

- Write 20 forms of verbs and memorize them.

- Read the newspaper daily for better reading.

- Learn all the work that you have done in your English notebook.

- Prepare any model or wall hanging from grammar topics with waste material .

Subject – SCIENCE

Instructions:

Write answers neatly in your science notebook.

Try to do the activities with help from a parent/guardian.

Diagrams and examples will make your homework more creative!

1. Definitions:

a) What are acids? Give 2 examples.
b) What are bases? Give 2 examples.
c) What is an indicator? Name any two natural indicators

2. Fill in the blanks:

a) Lemon juice is _____ in nature.
b) Soap solution is _____ in nature.
c) _____ is a natural indicator obtained from lichens.
d) Acids turn blue litmus paper _____.

3. Classify the following as acid, base, or neutral:

Vinegar

Toothpaste

Water

Baking soda

Orange juice

Milk of magnesia

4. Activity (at home):

Use turmeric as a natural indicator.

Mix turmeric powder with water and make a paste.

Apply it on paper and let it dry.

Now, touch the paper with a drop of soap solution.
Q: What color change do you observe? What does it mean?

5. Answer the following:

a) What happens when an acid reacts with a base? Write a simple word equation.
b) Why should we not taste unknown substances in a lab?
c) Write the color changes of litmus paper, phenolphthalein, and methyl orange in acidic and basic solutions.

6 Write a project on different Modes of nutrition in plants with suitable diagrams.

Sanskrit

दिन 1–10:

दीपकम पाठ 2–4 का सारांश लिखें।

‘मम मित्रम्’ पर लेख।

दिन 11–20:

5 संस्कृत क्रियाओं का प्रयोग।

चित्र सहित 5 संस्कृत शब्द।

दिन 21–30:

5 श्लोक सुंदर लेख में।

एक संस्कृत संवाद – 'पुस्तकालये'।

दिन 31–40:

10 शब्दों पर वाक्य बनाएं।

5 चित्रों पर संस्कृत वाक्य।

Hindi

दिन 1–10:

‘मल्हार’ की कविता पर भावचित्र बनाएं।

‘मेरी कल्पनाओं का रोबोट’ – लेख।

दिन 11–20:

5 मुहावरे व प्रयोग।

अपने गांव या मोहल्ले का वर्णन।

दिन 21–30:

चित्र पर आधारित कहानी लेखन।

‘मेरा प्रिय खेल’ पर अनुच्छेद।

दिन 31–40:

किसी प्रेरणादायक व्यक्ति पर लेख।

एक विज्ञापन बनाएं।

SOCIAL SCIENCE

Q1: Create a 3D model or poster showcasing the components of the environment (lithosphere, hydrosphere, atmosphere, biosphere) and their interdependence.

Q2: Define terms like **ecosystem**, **biotic/abiotic factors**, and answer questions on the importance of biodiversity.

Q3: Make a **layered model of the Earth**(crust, mantle, core) using clay, paper, or recycled materials. Label each layer and describe its composition.

Q5:Explain the rock cycle with a diagram. Compare intrusive and extrusive igneous rocks.

Q6 "What does equality mean to you?"
Q7 write a short note on equality in India.

ART

1. Draw a Summer Scene
Create a colorful drawing or painting of how you spend your summer holidays (picnic, swimming, ice cream, sunshine, etc.).
Use crayons, watercolors, or colored pencils

2. Nature Craft

- Collect dry leaves or flowers and create a **leaf art** or **flower collage**.
- Paste them on A4 paper and decorate it with borders.

♻ 3. Best Out of Waste

- Use old newspapers, plastic bottles, boxes, or CDs to make an **art piece or decoration item**.
- Example: Pen holder, wall hanging, paper basket.

🖼 4. Indian Art Style Drawing

- Make one drawing in a traditional Indian art style (choose one):
    - Warli Art
    - Madhubani Art
    - Gond Art
- Use patterns and bright colors.

Vocational Education

ACTIVITY NO. 1

Theme: My Mini Kitchen Garden Project

1. **Set Up a Mini Kitchen Garden**:
    - Use any 3–5 recycled containers like old bottles, cans, pots, or trays.
    - Fill them with soil and select easy-to-grow plants such as:
        - Coriander (dhania)
        - Fenugreek (methi)
        - Mint (pudina)
        - Tomato

        - Chili
        - Spinach (palak)
2. **Plant the Seeds or Saplings**:
    - Sow the seeds and water them regularly.
    - Place the containers in a sunny spot (balcony, window, rooftop, etc.).
3. **Maintain a Weekly Garden Journal**:
   For 4–6 weeks, students will write or draw:
    - Date of planting
    - Daily watering and sunlight record
    - Germination progress
    - Changes in plant size or leaves
    - Any insects or birds observed
4. **Take Photographs** (optional):
    - Take weekly photos of your plants and stick them in the journal.
5. **Eco-friendly Tips**:
    - Use kitchen waste as compost (banana peels, tea leaves, etc.).
    - Avoid plastic containers where possible.

📚 Submission Format:

- A handwritten/drawn garden journal or diary.
- 4–5 photos or drawings of the plants.
- 1 paragraph on **"What I learned from my Kitchen Garden"**.

ACTIVITY NO. 2

Theme: Make a Health Card of Your Family

- **Create a Health Card for Each Family Member (Minimum 3–4 people):**

For each member, include the following details:

1. **Full Name**
2. **Age and Gender**
3. **Blood Group** (if known)
4. **Height and Weight**
5. **Allergies or Chronic Illnesses** (e.g., asthma, diabetes)
6. **Daily Habits** (water intake, sleep hours, exercise)
7. **Last Medical Check-up Date**
8. **Vaccinations (if applicable)**
9. **Emergency Contact Number**

🖼️ Presentation Format:

- Use a notebook or make a small file.
- Design one health card per page.
- Add **photos** of each family member (optional).
- Decorate neatly using borders, colors.

🧼 Hygiene & Safety Tips:

- Encourage family members to share accurate information.
- Discuss any health concerns with parents or guardians.
- Maintain privacy; only include what is comfortable to share.

ACTIVITY NO. 3

Theme: Design Your Own AI Assistant

💡 Step 1: Learn About AI Assistants

- What is Artificial Intelligence (AI)?
- Examples of AI assistants: **Alexa, Siri, Google Assistant**
- How they help people in daily life (setting reminders, playing music, answering questions, etc.)

👩‍🎨 Step 2: Imagine Your Own AI Assistant

Design your **own imaginary AI assistant** by answering the following questions:

- What is your AI assistant's **name**?
- What does it look like? (Draw or describe)
- What **features** or tasks can it do?
- Where would you use it? (home, school, bus, etc.)
- How does it help people?
- Is it voice-activated, screen-based, or wearable?

🖍️ Step 3: Make a Creative Poster or Booklet

- Include:
  - A **drawing** or sketch of the AI assistant
  - A list of its features and uses
  - A short paragraph:
    👉 **"How My AI Assistant Will Help Me and Others"**

ACTIVITY NO. 4

Theme: Work with Machines and Materials

Step 1: Choose ONE Project from the List Below

1. **Electric Boat** – A small boat made using a motor, battery, and plastic tray.
2. **Mini Vacuum Cleaner** – Using a motor, fan blades (bottle cap), and container.
3. **Solar Cooker** – Using a cardboard box, foil, black paper, and cling film.
4. **Simple Projector** – Using a cardboard box, magnifying glass, and mobile phone.

5. **Light Lamp** – Using LED light, battery, switch, and a small container.

🛠️ Step 2: Gather Materials

- Use **recycled and safe household items** (e.g., plastic bottles, boxes, old toys).
- Basic electronic parts: small **DC motor**, **LED**, **battery holder**, **wires**, **magnifying lens**, etc.
- Get help from parents/adults if needed.

📸 Step 3: Build and Document Your Project

In a **project file or notebook**, include:

- Name of the model
- List of materials used
- Step-by-step process (with photos or hand-drawn diagrams)
- One paragraph on:
  👉 **"How My Model Works"**
  👉 **"What I Learned from Making It"**

🧯 Safety Tips:

- Use glue guns, cutters, or batteries **only under adult supervision**.
- Avoid water near wires or electronics.
- Do not plug anything into household electric sockets.

LIBRARY
Write two news daily on library notebook.

PHYSICAL EDUCATION
Class 7 – Session 2025–26
Topic: Kabaddi

1. Draw and label the Kabaddi court with dimensions.
2. Write about the basic rules and positions of players.
3. Mention the skills required for raiders and defenders.
4. Name any 5 national-level Kabaddi players.
5. Paste pictures of kabaddi action poses.

General Instructions:
- Complete the homework in your Physical Education notebook.
- Be creative: use drawings, charts, or printed pictures.
- Write in neat handwriting.
- Submit on the reopening day after the summer vacation.