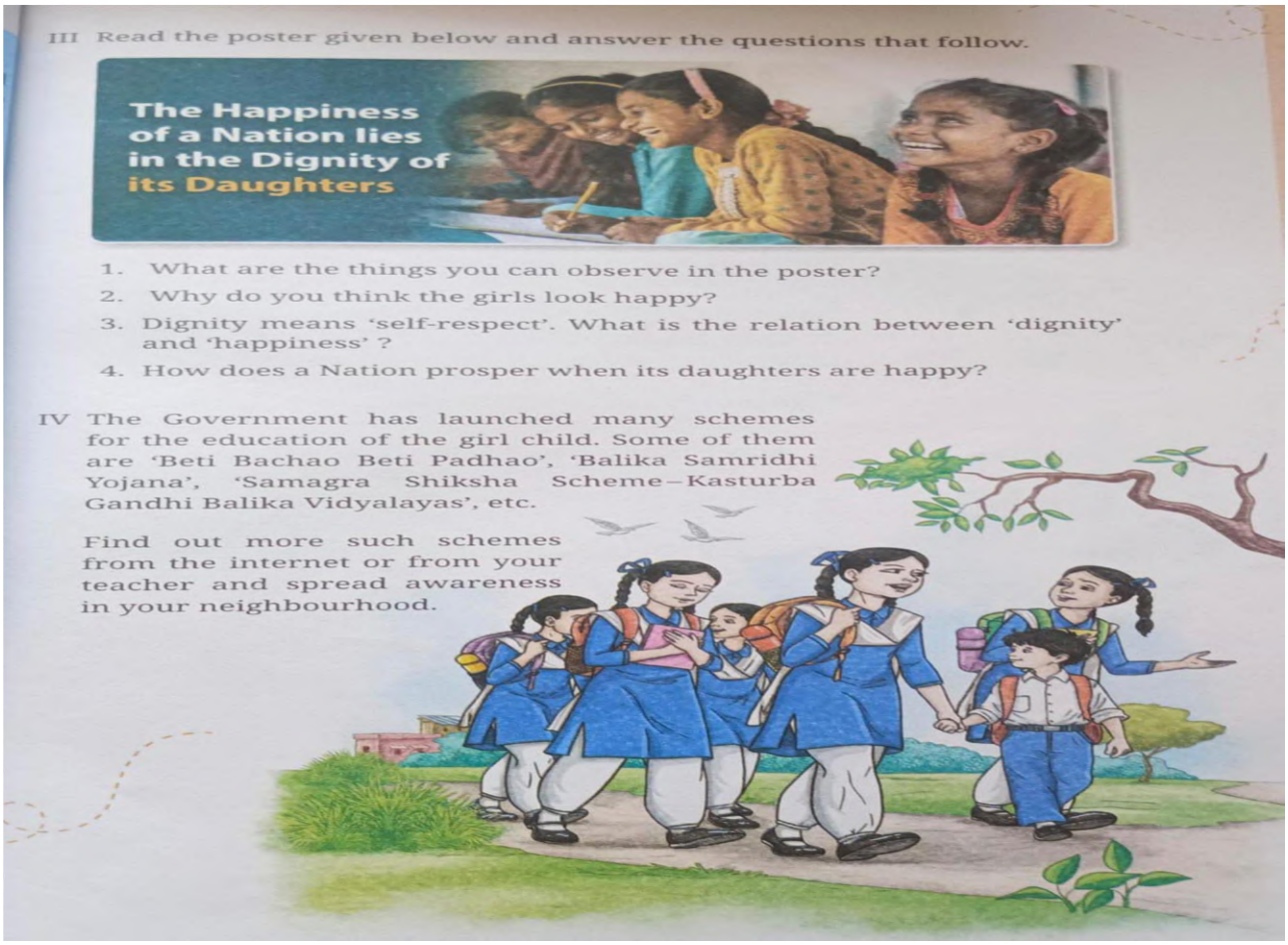
Class 7th

Summer Holiday Homework

English

WEEK1. Project: " Beti Bachhao, Beti Padhao"



WEEK 2. Learn all question answers from L-1 The Day the River Spoke and Poem -1 Try Again

WEEK 3. Writing Skill:

a. Write an application to the Principal requesting him to grant you leave for four days as you have attend the marriage of your cousion.
b. Write a notice informing the students about the reopening of the school after the Summer Break.
c. Write a letter to your uncle telling him how you are spending your summer holidays.
d. Write 5 Tongue Twisters & 5 Idioms and learn them.

.**WEEK 4.** Do Grammar Practice of all the 9 Parts of Speech by underlining Nouns, Pronouns, Verb, Adverb, Adjective, Preposition, Conjunction, Interjection and Determiner from your Lesson 1 and Poem 1. Then write them neatly in your English copy (5 each).

WEEK 5. Title-Health &Hygiene

Complete MDP (In separate sheets and put it in a handmade folder)

Make a POSTER by drawing or pasting pictures /cuttings showing Health and Hygiene. Write a catchy ARTICLE on HEALTH and HYGIENE

Hindi

1. संगीत और कला का संयोजन

हिंदी कविता "मां, कह एक कहानी " को याद करें और इसमें वर्णित कहानी को संवाद रूप में लिखें।

2. हिंदी शब्दों से शब्दों का खेल

कविता मां, कह एक कहानी में से

कोई दस शब्द चुने और उनपर दस वाक्य बनाओ। फिर उन शब्दों का उपयोग कर एक छोटी सी कहानी लिखे।

3.हिंदी पत्रिका

एक छोटी सी हिंदी पत्रिका बनाए जिसमें कहानी, कविता, चित्रकला, और ग्रीष्मकालीन छुट्टियों के अनुभव आदि शामिल हों।

4.प्रिय पुस्तक पर पुस्तक समीक्षा (Book Review)

गर्मी की छुट्टियों में पढ़ी गई अपनी प्रिय हिंदी कहानी/पुस्तक पर समीक्षा लिखें।

पुस्तक का नाम, लेखक, कहानी का सार, क्या अच्छा लगा, क्या नया सीखा आदि।

5. यदि आपने भी सिद्धार्थ की तरह कभी किसी की मुश्किल समय में सहायता की है तो उस घटना को 50 शब्दों में लिखो।

6. सत्र-1 , बहुविषक परियोजना

विषय-जल संरक्षण

●जल संरक्षण का अर्थ

●जल संरक्षण की आवश्यकता क्यों है ?

●जल संरक्षण के उपाय

० जल संरक्षण में आप क्या सहयोग करेंगे? 5-6 बिंदुओं में लिखें।

7.नीचे दिए गए शब्दों के अर्थ खोज कर लिखिए

1. आखेटक	13. सिंहासन	25.कल्पनालोक	37.नाटकीय	49.विलक्षण
2. चेटी	14. निश्छल	26.छायाचित्र	38.अनुपम	50.उत्कर्ष
3. उपवन	15. संचरण	27.विचारशील	39.सरगम	51.भावप्रधान
4. तात	16. तेजस्विता	28.सजीव	40.प्रकाशमान	52.हर्षोल्लास
5. सबेरे	17. शैली	29.चेतन	41.हर्षित	53.शब्दचित्र
6. भ्रमण	18. संवेदनशील	30.रचनाशील	42.भावपूर्ण	54.कल्पनातीत
7. सुरभि	19. विशालकाय	31.अभिव्यक्ति	43.रूपवान	55.स्वप्नदर्शी
8.चिंतन	20.उपमा	32.संवेदना	44.अद्वितीय	56.अभिव्यक्तिपूर्ण
9.वर्णनात्मक	21.प्रतीकात्मक	33.चित्रण	45.चपल	57.अनुभवजन्य
10.मंज़र	22.अनुभूति	34.सृजन	46.निर्मल	58.प्रेरणादायक
11. अलौकिकता	23.परिकल्पना	35.अभिनव	47.नवोन्मेष	59.विचारशील
12. अविस्मरणीय	24.रचनाकार	36.गीतात्मक	48.चिंतनशील	60.नवजीवन

61.शुभ्रता	69.ज्ञानदीप	77.दृढ़ता	85. प्रेरणादायक	93. स्मरणीय
62.उदात्त	70.बुद्धिमत्ता	78. नृत्यात्मक	86. द्रष्टव्य	94. काव्यशास्त्र
63.शब्दसंग्रह	71.विश्लेषण	79. मनमोहक	87. शांति	95. समाजसेवी
64.समर्पण	72.स्मृति	80. उत्साही	88. अन्वेषक	96.आकंक्षित
65.ज्ञानवर्धक	73.संकल्प	81. गौरवपूर्ण	89. विशेषज्ञ	97. कृतज्ञता
66.प्रकृतिप्रिय	74.उद्यम	82. दृष्टिकोण	90. समृद्ध	98. आकर्षकता
67.अंतरदृष्टि	75.प्रयोजन	83. जादुई	91. ब्रम्हाण्ड	99. निडर
68.कृत्रिमता	76.समर्पण	84. सकारात्मक	92. नवीनता	100. सुरम्य

Sanskrit

1. प्रथम: पाठ: अभ्याससहितं लेखनीयं स्मरणीयम् च
2. एकत: पञ्चाशत् पर्यन्तं संख्यावाचि (1-50) पदानि लिखत |
3. संस्कृत प्रतिज्ञा लेखनीयं स्मरणीयम् च |
4. संस्कृत प्रार्थना लेखनीयं स्मरणीयम् च |
5. प्रथम पाठस्य दैनन्दिनी लेखनीयम् |
6. तद् ,एतद्, किम् रूपाणि लेखनीयं स्मरणीयं च |
7. सम्पूर्ण ब्रिज कोर्स स्मरणीयम |
8. स्वास्थ्य एव धनं इति विषये एकं निबन्धम लेखनीयम |
9. स्वच्छता उपरि एकं संवादम लेखनीयम |
10. 40 दिनानां प्रतिवेदनं लेखनीयम |

Science

1.Make a table of atleast 10 samples ingredients from your home and test it with natural indicator (turmeric) and analyse wether they are acid or base.write their colour before and after test with turmeric.

2.Make a model on one of the following.

I)Digestive system ii)mechanism of breathing iii) solar system

3.Write a story on cyber bullying with explanation and paste pictures (atleast 2 pages)

4.Write a descriptive note on Nasha mukat Bharat abhiyan and paste pictures also.

5.Write atleast 5 scientific words with meaning and example for 31 days in your holiday homework copy.

6.Make a torch/bell with the help of electric circuit.

7. ***Worksheet***

Do this worksheet in your science school copy

1. 'Litmus', a natural dye is an extract of which of the following?

(a) China rose

(b) Beetroot

(c) Lichen

(d) Blue berries

2.Which of the following set of substances contain acids?

(a) Grapes, lime water

(b) Vinegar, soap

(c) Curd, milk of magnesia

(d) Curd, vinegar

3.Neutralisation reaction is a

(a) physical and reversible change

(b) physical change that cannot be reversed

(c) chemical and reversible change

(d) chemical change that cannot be reversed

4. When the soil is too basic, plants do not grow well in it. To improve its quality what must be added to the soil?

(a) Organic matter

(b) Quick lime

(c) Slaked lime

(d) Calamine solution

Q.5 Answer the following questions:

a) Explain two neutralization reactions related to daily life situation.

b) You are provided with four test tubes containing sugar solution, baking soda solution, tamarind solution, salt solution. Write down an activity to find the nature (acidic/basic/neutral) of each solution.

6.Fill in the blanks

(a) The most commonly used natural indicator is_____and is extracted from_____

(b) Aqueous solution of baking soda is bitter in taste and feels soapy on touching because it contains_____

(c) _____are used to test whether a substance is acidic or basic in nature.

(d) _____change their colour when added to a solution containing an acidic or basic substance.

(e) Lemon juice, orange juice taste sour because

they contain_____

(f) The solutions which do not change the colour of either blue or red litmus are called _____solutions.

(g) Turmeric and litmus are _____ acid-base indicators..

(h) In neutralization reaction heat is always_____.

(i) Salts may be_____or_____ ___in nature.

(j) Chemically milk of magnesia is_____and baking soda is_____

(k) China rose indicator turns_____solution to dark pink and_____solution to green

(l) The correct way of making a solution of acid in water is to _____

7.Write true or false.

i Mineral acids are formed from the minerals present in the earth. ——.

ii Salts of acetic acid are called sulphates. ———.

iii.. Solutions of salts in water can conduct electricity. ———.

ivAlkalies are bases which are soluble in water. ———-.

v. Acetic acid is a mineral acid. ———.

C. Match the following.

Column A.	Column B
1. Citric acid.	Sodium acetate
2. Nitric acid.	Mild base
3. Basic salt	Organic acid
4. Litmus paper	Mineral acid
5. Antacid.	Indicator

D. Answer the following briefly.

1. Name some vegetables and fruits that contain organic acids.
2. Differentiate between strong and weak acids with examples.
3. What are acids made in the factories called?
4. Explain how an antacid works.

DO THIS HOLIDAY HOMEWORK IN SEPARATE COPY

Dear students as you all know that summers have strong heat waves so eat healthy ,light and stay hydrated.

Mathematics

Theme - Ratios and Proportions in Cooking

1. Math Project:

- **Objective**: To understand the concept of ratios and proportions.
- **Task:** Prepare a simple recipe and change the recipe quantities to serve different numbers of people (e.g., original recipe for 2 servings and adjust for 5 and 10 servings).
- **Report**:Document the changes in ratios and the effect on the final product.

2. Art Integration:

- **Objective**:To create a visual representation of ratios.
- **Task**: Draw or use digital tools to create an infographic that explains your cooking recipe adjustments.
- **Presentation:** Explain how the ratios were used and adjusted through your infographic.

Worksheet: Chapter 1 – Large Numbers Around Us

◇ Section A: Multiple Choice Questions (MCQs)

1. **How many zeros are there in one crore?**
   - a) 5
   - b) 6
   - c) 7
   - d) 8
2. **In the Indian place value system, the number 7,85,46,321 is read as:**
   - a) Seven crore eighty-five lakh forty-six thousand three hundred twenty-one
   - b) Seventy-eight crore fifty-four lakh sixty-three thousand two hundred one
   - c) Seven hundred eighty-five lakh forty-six thousand three hundred twenty-one
   - d) None of the above
3. **Which of the following numbers is the greatest?**
   - a) 9,99,999
   - b) 10,00,000
   - c) 99,999
   - d) 1,00,000
4. **In the International place value system, 1,000,000 is read as:**
   - a) Ten lakh
   - b) One million
   - c) One crore
   - d) Ten million
5. **Which of the following statements is true?**
   - a) 1 crore = 10 million
   - b) 1 lakh = 100,000
   - c) 1 million = 10 lakh
   - d) All of the above

◇ Section B: Fill in the Blanks

6. 1 million = _____ lakhs.
7. The number 5,00,00,000 is read as _____ in the Indian system.
8. The number 50,00,000 is equal to _____ million in the International system.
9. The smallest 6-digit number is _____.
10. The number 7,00,000 is _____ than 70,000.

◇ Section C: Short Answer Questions

11. **Write the number 3 crore 25 lakh 47 thousand 619 in digits using the Indian place value system.**
12. **Write the number 12,345,678 in words using the International place value system.**
13. **Compare the numbers 9,99,999 and 10,00,000. Which one is greater and by how much?**
14. **Round off the number 4,56,789 to the nearest lakh.**
15. **If a person eats 2 varieties of rice every day, how many varieties will they eat in 100 years? (Assume 365 days in a year.)**

◇ Section D: Higher-Order Thinking Skills (HOTS)

16. **A stadium has a seating capacity of 1,20,000 people. If each row has 100 seats, how many rows are there in the stadium?**
17. **The Statue of Unity is approximately 182 meters tall. If each floor of a building is 3 meters high, approximately how many floors would a building need to match the height of the statue?**
18. **A seed bank has collected 1 lakh varieties of rice. If a person wants to taste each variety and can taste 3 varieties per day, how many days will it take to taste all the varieties?**
19. **The population of a town is 2,35,000. Express this number in the International place value system and write it in words.**
20. **Estimate the sum of 4,89,305 and 3,76,492 by rounding each number to the nearest lakh.**

◇ Section E: Real-Life Application

21. **Find out the population of India and write it in both the Indian and International place value systems.**
22. **A company earned a profit of ₹7,85,46,321 last year. Write this amount in words using the Indian place value system.**
23. **The distance between Earth and the Moon is approximately 3,84,400 km. Express this distance in words using the International place value system.**
24. **A waterfall is 450 meters high. If each floor of a building is 3 meters high, how many floors would a building need to match the height of the waterfall?**
25. **If a person saves ₹1,000 every month, how many months will it take to save ₹1,00,000?**

Social Science

MDP:-

TERM 1: Project report on Health and Hygiene with special reference to Role of Govt in health.

Visit a near by hospital,either government or private and note down the following details:

1. How many beds are there in the hospital?
2. How many doctors are there in the hospital?
3. How many nurses work in that hospital?
4. How the cleanliness condition in the hospital?

Besides try to gather the following additional information:

5. How many hospitals are there in your locality?
6. How many dispensaries are there in your locality.(Project report).

1. **Map work (Label and locate states and union territories with their capitals on India Map and paste in your notebook)**
2. **What are some key geographical features of India.**
3. **Write about a tourist place of India which you like the most.**
4. **What are the three main ranges of Himalaya? Explain.**
5. **Write about the 'Cold Desert of India'**
6. **Write a paragraph on World Environment Day (5 June).**
7. **Write about on a local historical place nearby you.**
8. **Write about the fundamental rights of Indian citizens given by the Indian Constitution.**
9. **Write about the fundamental Duties of Indian citizens given by the Indian Constitution.**
10. **Write and learn the 'Preamble' of the Indian Constitution.**

Artificial Intelligence

1. Design a Dream AI Robot

Make model of your dream robot that can do any task you dream of (like cleaning your room or doing homework).

Write a few sentences explaining what it does and how it helps you.

2. AI in My Daily Life (Observation Activity)

Observe how AI is used around you for a day.

Write down 5 examples, like: Google Assistant, YouTube suggestions, face unlock, etc.

Draw one of them and explain how it works in your words.

Art Education

10 ग्लिटर फूल बनाकर लेकर आना है

You have to make 10 glitter flowers and bring them

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.s

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.