

ALPHA INTERNATIONAL SCHOOL,
NOORSARAI, NALANDA

SUMMER VACATION HOME WORK

Students Name _____ Class **6th** Roll No _____

Hindi-

1. अपनी पाठ्य पुस्तक से 50 शब्दार्थ लिखें ।
2. कछुआ और खरगोश की मजेदार कहानी लिखें ।
3. अपने भारत देश की 20 महापुरुषों को लिखें ।
4. ग्रीष्मावकाश साथ बिताने के लिए अपने मित्र को निमंत्रण पत्र लिखें ।
5. अपने विद्यालय की प्रार्थना को लिखें ।
6. भारत के कोई 10 राज्य और राज्यों में बोली जाने वाली भाषाओं की सूची चार्ट पेपर पर तैयार करें ।
7. अपने पुस्तक से 20 पेज सुलेख करें ।
8. पढ़ाये गये सभी पाठों की पुनरावृत्ति करें ।
9. प्रातः काल से जुड़ी एक मनमोहक एवं सुहावनी कविता लिखें ।
10. किन्हीं 20 शब्दों के 3-3 पर्यायवाची शब्द लिखें ।

नोट- दिये गये सभी प्रश्नों के उत्तर सुंदर एवं साफ अक्षरों में लिखें ।

Mathematics

1. Solve the question of chapter 1 to 4 of your book one to one question.(make 150 Math)
2. Write 20 definition related to mathematics
3. Write 20 formula of Math

Science Project

1. Water Filtration System Materials: Sand, gravel, activated charcoal, cotton, plastic bottle, dirty water, coffee filter.
2. Lemon Battery Materials: Lemons, copper coins, zinc nails, wires, LED light.
3. Homemade Volcano: Materials: Baking soda, vinegar, dish soap, food coloring, clay, plastic bottle.
4. Paste types of roots. Write a short note on roots important.
5. Paste two types of leaves venation.
6. Make a chart of the animal's movement and body parts that help in the movement.
7. Write a short note on Charles Robert Darwin.
8. Make a chart of vitamins— and their sources and functions.
9. Make a chart of deficiency diseases, their symptoms.
10. Paste a picture to show the food come from farm to plate.
11. Solar Oven: Build a simple solar oven using a cardboard box, aluminum foil, and plastic wrap. Test its effectiveness by seeing if it can heat up small snacks like marshmallows or chocolate.
12. Water Filtration: Create a mini water filtration system using materials like sand, gravel, and activated charcoal. Test its ability to purify dirty water and discuss the importance of clean water.
13. Electric Circuit: Construct a basic electric circuit using a battery, wires, and a small bulb or LED. Explore how adding or removing components affects the flow of electricity.
14. Volcano Model: Build model volcano using clay or play dough. Use baking soda and vinegar to simulate an eruption and discuss the science behind volcanic activity.
15. Egg Drop Challenge: Design a container that can protect a raw egg from breaking when dropped from a certain height. Experiment with different materials and shapes to create the most effective egg protector
16. Seed Germination Experiment: Investigate the factors that affect seed germination. Plant seeds in different conditions (e.g., light vs. dark, wet vs. dry) and observe and record their growth over a few days.
17. Static Electricity Experiment: Explore static electricity by rubbing balloons or combs against different materials (like wool or plastic) and observing how they attract small items like paper bits or hair.

English

A. Write essays about these:

1. Village
2. Town
3. Saraswati Puja
4. Durga Puja
5. The Indian Farmer
6. The spring season.
7. The Summer Season
8. Travelling
9. Female Education
10. Early Rising

B. Write Biography on the followings:

1. Swami Vivekananda
2. Mother Teresa
3. Mahatma Gandhi
4. Dr. Rajendra Prasad
5. Dr. APJ Abdul Kalam

C. Write paragraph on these:

- a) The Dowry System
- b) Superstitions *Superstitions*
- c) Unemployment
- d) Pollution
- e) Health Is Wealth
- f) Honesty Is The Best Policy
- g) Discipline
- h) Your Daily Routine
- i) Friendship
- j) Good Manners

Social Science

1. History: Our Past

- Topic: Early Humans and the Stone Age

Activity: Create a mini-project or chart on "Life of Early Humans"

- Draw or paste pictures of tools, weapons, caves, and food.
- Write 5 key facts about each of the three stages: Paleolithic, Mesolithic, and Neolithic.

2. Geography: The Earth – Our Habitat

- Topic: Major Landforms of the Earth

Activity: Make a model or drawing showing different landforms (mountains, plateaus, plains, deserts, and rivers).

- Label them neatly.
- Write 2-3 lines about each.

3. Civics: Social and Political Life

- Topic: Diversity and Discrimination

Activity: Prepare a short paragraph (100 words) on "Unity in Diversity in India"

- Include examples of different cultures, languages, and festivals.

4. Map Work

On a political map of India, mark and label the following:

- Any 5 major rivers.
- 5 mountain ranges.
- Your home state and 2 neighboring states.

5. Fun Activity (Optional)

Interview a grandparent or elder about how life was different when they were young. Write a short paragraph (80–100 words) about what you learned.