



Estd. 1994

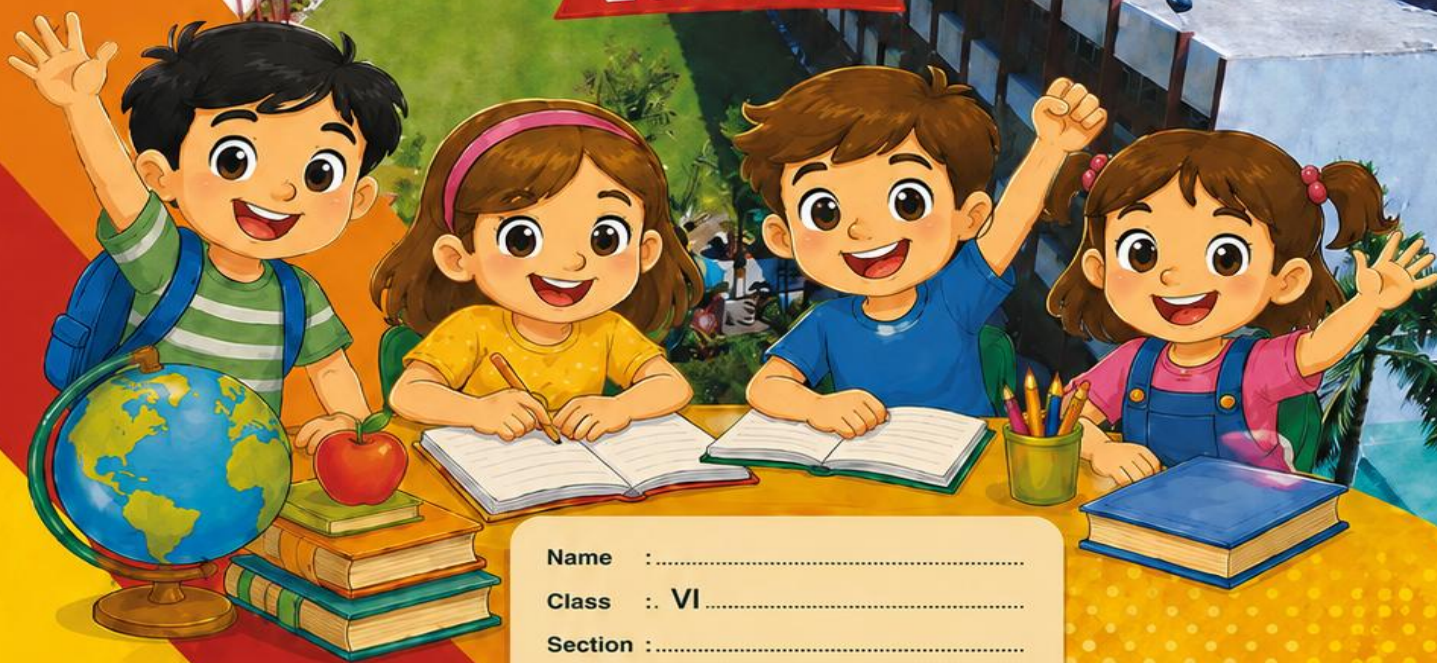
SANT NISCHAL SINGH PUBLIC SCHOOL

LADWA

CLASS VI SUMMER HOLIDAYS'

HOMEWORK

2026-27



Name :

Class : VI

Section :

Roll No. :

ENGLISH

1) Have fun and make a comic strip

Create a comic strip based on chapter 'Colours of Dream' (pg.no.118 to 123) from your literature book on A4 size sheet.

2) To Express Much in a Few Words

- * Write a short story on the topic 'The Talking Tree' in about 120 to 150 words on A4 sheet.

Hint: Once, there was a talking tree and a boy. The boy would always think to cut the tree down but the tree would say, Please don't kill me I am a very useful thing.....

- * Write a Diary Entry describing Father's Day (Third Saturday of June) when you planned a surprise or celebrated with your family.
- * Write dialogues between Parul and Zara showing how they argue about the chaos and then slowly understand what true friendship means. (Reference to chapter 'A Day Without Adults')

3) Be a Reading Detective

- * Solve 1 to 5 comprehension passages from BBC Module 1.

(Hint: Pretend you're solving a mystery! Read carefully and crack the clues.)

- * Solve exercises of Sentences, Noun and Pronoun in Wren and Martin book.
- * Revise all literature work which we have completed till now.

4) Create as many words as possible on A4 size sheet from the given words:

- DUMBFOUNDED
- BADMINTON
- PHENOMENON
- BASKETBALL
- PATRIOTIC

5) ROLL NUMBER 1 TO 10

* Make a presentation on chapter 'Wheels of Hope' on A4 size sheet. (Atleast 4 pages)

ROLL NUMBER 11 TO 20

* Make a presentation on chapter 'A Game Without Pause' on A4 size sheet. (Atleast 4 pages)

ROLL NUMBER 21 TO 30

* Make a presentation on chapter 'The Festival of I Am Possible' on A4 size sheet. (Atleast 4 pages)

HINDI

1. भारत के किन्हीं पांच प्रसिद्ध वैज्ञानिकों के बारे में जानकारी इकट्ठा करके कोलाज बनाइए।

2. अपने नाम के प्रथम अक्षर से तीन नए सार्थक शब्दों का निर्माण कीजिए एवं प्रत्येक शब्द के दो-दो पर्यायवाची शब्द A4 शीट पर लिखिए।

Revise all grammar topic marked in the book.

MATHS

1. Learn and Write tables from 2 to 20.

2. Make a Project on the following :

a. Different types of numbers. (Roll no. 1-10)

b. Make a collage of Indian mathematician. (Roll no. 10-20)

c. Properties of factors and multiplies (Roll no. 21 onwards)

3. Do practice of Chapter- 1 (Patterns) and Chapter- 5 (Prime Time).

4. Do these following activities in Maths lab manual.

Activities :1) To explore cube numbers by using unit cubes

2) To understand collatz's conjecture through number cutouts.

3) To find HCF of two given numbers.

4) To find LCM of three given numbers.

5) To obtain the sum of integers experimentally.

Models

Fraction Pizza Model (RNo 1-5)-Use a paper pizza to explain fractions like $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{8}$ etc.

3D shapes Model (RNo 6-10)-Make cuboid, Cube, Cone, sphere and Hemisphere

2D Shapes Model (RNo 11-15)-Make square, rectangle, triangle, parallelogram and kite using paper.

Magic Square Model (RNo 16-20)-Arrange numbers so rows and columns give the same sum.

Prime and Composite Numbers Tree (RNo 21-25)-Separate numbers into prime and composite branches.

Measurement conversion chart (RNo 26-30)-Show conversion of cm to m, g to kg, ml to l etc.

ART Integration- (Compulsory for all)

Climatic Comparison

Topic: Weather patterns, rainfall, and crop growth.

Activity: Build a double bar graph or pie chart which depicts the humidity of two states haryana and Telangana. (For one week)

Art Integration: Use clay, paper, or collage to create landscapes of both states.

Solve this worksheet in Maths practice notebook

1. What comes next in the pattern: 2, 8, 18, 32, 50, ____?

2. If a pattern starts as $\blacklozenge$, $\blacklozenge\blacklozenge$, $\blacklozenge\blacklozenge\blacklozenge$, $\blacklozenge\blacklozenge\blacklozenge\blacklozenge$, how many symbols will the next step have?

3. Find the missing term in: 1, 4, 9, 16, ____, 36.

4. Total sides in 15 hexagons?

5. Pattern rule in 64, 32, 16, 8, ____?

6. In a pattern, each term is the previous term multiplied by 5. First term is 2. Find 4th term.

7. Is 51 a prime number or a composite number? Give reason.

8. Find the factors of 144

9. Write the prime factorization of 360

10. Find the common factors of 18 and 24.

11. Find the prime factorization of 168.

12. Using the divisibility test for 8, determine if 3456 is divisible by 8. Explain your answer.

13. Find the prime factorization of 840 using the factor tree method.

14. Check if the number 840 is divisible by 8 and 11. Explain your reasoning.

15. Find all the prime numbers between 80 and 110.

16. What is the smallest 4-digit number that is divisible by both 4 and 10? Explain your method.

17. Using prime factorization, find the LCM of 15 and 20.

18. Check whether 121 is a perfect square and write its factors.

19. A number has exactly three factors. Name the number.

20. What is the use of pattern in our daily life.

Fill the missing values.

2, 5, 8, 11, ____ 1, 2, 4, 7, 11, ____

50, 45, 40, 35, ____ 3, 9, 27, 81, ____

A, D, G, J, ____ 100, 95, 90, 85, ____

1, 4, 7, 10, ____ 2, 6, 12, 20, ____

B, E, H, K, ____ 81, 72, 63, 54, ____

5, 10, 20, 40, ____ 13, 18, 23, 28, ____

Z, Y, X, W, ____ 4, 16, 64, 256, ____

C, F, I, L, ____ 1, 1, 2, 3, 5, 8, ____

M, O, Q, S, ____ 64, 32, 16, 8, ____

SCIENCE

1. Which of the following is considered the primary source of all our food?

a) Sun and Soil b) Plants and Animals c) Rain and Air d) Factories

2. What do honeybees collect from flowers to make honey?

a) Pollen b) Water c) Nectar d) Petals

3. Which of the following sets contains only herbivorous animals?

a) Cow, Rabbit, Deer b) Tiger, Lion, Fox c) Crow, Bear, Cat d) Human, Cockroach, Bear

4. Which of the following is an example of an omnivore?

a) Goat b) Lion c) Human beings d) Deer

5. Which parts of a mustard plant are considered edible?

a) Roots and flowers b) Seeds and leaves

c) Stem and roots d) Fruits only

6. Animals that eat only the flesh of other animals are called:

a) Herbivores b) Carnivores

c) Omnivores d) Decomposers

7. How is science primarily conducted?

a) By memorizing historical facts

b) By working completely alone

c) By observing, experimenting, and asking questions

d) By guessing nature's secrets without experiments

8. What type of root system do grass plants have?

a) Taproot b) Fibrous root

c) Adventitious root d) Aerial root

9. The design of lines on the leaf blade is called leaf venation. Which type of venation is typically found in plants with fibrous roots?

a) Reticulate venation b) Parallel venation

c) Both A and B d) None of the above

10. How do shrubs differ from trees?

a) Shrubs have soft green stems, while trees have hard stems.

b) Trees are smaller in height than shrubs.

c) Shrubs have branches that start directly near the base of the stem, whereas trees have thick, hard trunks with branches high above the ground.

d) Shrubs only grow in the desert

Question 2.

Write one word or two words for each of the following

(a) The place where plants and animals live

(b) The special features that enable plants and animals to survive in a particular region

(c) Plants having seeds with two cotyledons.

(d) Plants whose roots arise from the base of the stem.

(e) Plants having seeds with one cotyledon.

2. Give one example of an animal that can live both in water and on land.

3. Give two characteristics of aquatic plants which help them to survive in their habitat.

4. Give two characteristics of aquatic animals which help them to survive in their habitat.

5. Give two characteristics of a cactus plant that help it to survive in its habitat.

6. Explain the classification of plants as herbs, shrubs, and trees. Give two examples in each case.

7. With the help of a well labelled diagram and by giving examples differentiate between taproot and fibrous root.

REPRESENTING MODELS

Day and Night Model (Roll No. 1 to 6)

Phases of the Moon(Roll No. 7 to 12)

Pinhole Camera(Roll No.13 to 18)

Simple Electric Circuit(Roll No.19 to 24)

Water Cycle Diorama(Roll No. 25 to 30)

ART INTEGRATED PROJECT.

Visit a habitat like National Park or backyard near your locality and note down the specific arrangements that are made for the different types of plants and animals of Haryana and Telangana also, like different species , their unique features, their behaviour and also importance of biodiversity.

Try to collect all information and paste pictures to make one scrapbook or create their own illustrations of plants and animals they observe in Haryana and Telangana. Compare the species with their different features in both states.

Write down the following practical in your lab Manual:-

1. To demonstrate the process of water cycle,-evaporation, condensation, and precipitation using a transparent glass bowl.
2. To observe and compare monocot and dicot seeds.
3. To test the presence of starch, protein and fat in the given food samples.
4. To classify given object as magnetic and non-magnetic substances.
5. To measure the length of a curved line, using a thread.

SOCIAL SCIENCE

Task 1

- Paste the pictures of political map, thematic map and physical map and write about their features. (Roll.No. 1–8)
- Make a manuscript – Take a leaf. Put it under a heavy book for ten days. On the chart write why do we study social science? (Roll No. 9–16)
- Create a folder on the levels of Government in India. Include details about the roles and responsibilities of each level.(Roll No. 17–24)

- Collect pictures of different types of monuments such as forts, tombs, palaces etc. and write the name of monument, its location, and just five features of each. (Minimum 5 monuments)(Roll No. 25-32)

Task II – Art integrated project

- Make a project on (Telangana and Haryana) include the following topics:

Geographical and climate comparison, traditions/attire, folk dance and music, fairs, cuisine, economy/agriculture vs technology.

Task III

- To enhance the reading skills, read the following chapters and make 20 questions/answers (in one word/one sentence) from each chapter:

1. Ch-10: Family and Community
2. Ch-11: Grassroot Democracy

Task IV

Read and revise the notes of chapters done in class.

Submission Guidelines:

- * Format: Use an A4 size sheets and submit all the tasks in one project file.
- * Creativity: Use colors, maps, and newspaper clippings to make your work visually appealing.
- * Authenticity: Hand-written work is preferred to reflect your personal observations.

Enjoy your holidays and keep exploring!

INFORMATION TECHNOLOGY

Do Revision of Chapter 1 & 2

Project Work: Note: Make your Scrap file beautiful in Artistic way (Cover & Introduction Page)

- Draw and color the Logo of any four antivirus paste in your scrap file.
- Draw and color the images the types of malware in your scrap file.

- Paste /draw the Smart Phone Apps and paste them in your scrap file.

PUNJABI

Revise all the work done in notebook and book.

ART & CRAFT

Book number 31, 39 and 65 in Art Files

Draw poster on any topic (For eg. Earth Day, Save Water....)

