



SANT NISCHAL SINGH PUBLIC SCHOOL, **Ladwa**

SESSION

2026-2027

SUMMER VACATION HOLIDAY HOMEWORK

★ CLASS : VII (7) ★

Learning with Fun
During
Summer Vacation



SESSION : 2026-2027

Have a Happy &
Productive Summer Vacation!



EXPLORE

LEARN

DISCOVER

CREATE



Subject: - English

Be a Reading Detective

- Solve 1 to 5 Comprehension Passages in your Module 1 of BBC.
- Solve the exercises on Prepositions and Conjunctions in the *Wren & Martin* book.
- Revise all the Literature work which we have completed till now.

“To Express Much in a Few Words”

- Write a travelogue about a place you recently visited during the holidays. (*On A4 Sheet*)
- Write a Diary Entry on the topic: “How I Celebrated Yoga Day on 21 June.”
- Read any chapter from your Literature book, draw your favourite character from the story, and write a short story about him or her.

Activity According to Roll Numbers

- **Roll Numbers 1 to 10**
Make a presentation on the chapter “The Art of Puppetry” on an A4 Sheet.
- **Roll Numbers 11 to 20**
Make a presentation on the chapter “Footprints in the Digital World” on an A4 Sheet.
- **Roll Numbers 21 to 29**
Make a presentation on the chapter “Counting the Stars” on an A4 Sheet.

Subject: - Social Science

Holiday Project Work

“Save Water, Save Life” Project

- Make a beautiful project file of **5–6 pages**.
- Include:
 - Importance of Water
 - Causes of Water Pollution
 - Methods to Save Water
 - Drawings/Pictures
 - A Slogan on Water Conservation

Materials Required

- Coloured sheets
- Pictures
- Sketch pens
- Glue
- Decorative borders

Study Instructions

- Revise all the completed chapters regularly.
- Read Chapters 6 and 7 thoroughly.
- Make 20 one-word answers from each chapter.

Art Integrated Activity 🗣️ 🏛️

- Pairing State: Telangana
- Topic: *“Cultural Heritage of India and Telangana”*

Draw or paste pictures showing:

- Traditional dress of Telangana
- Famous dance forms: *Perini* or *Lambadi Dance*
- Famous monuments: *Charminar / Golconda Fort*

Complete all the work neatly and submit it after the summer vacation

Subject: - Mathematics



SANT NISCHAL SINGH PUBLIC SCHOOL

LADWA

Class - VII(Mathematics)

Assignment-1

MULTIPLE CHOICE QUESTIONS.

1.) $0 \times (-5)$ is equal

- a) 0 b) 5 c) -5 d) 1

2). $(-6) \div (-2)$ is equal to

- a) 1 b) 2 c) 3 d) 6

3). Find the multiplicative inverse $4\frac{5}{6}$ of

- a) $\frac{6}{29}$ b) 0 c) $\frac{29}{6}$ d) none of these

4). Difference between 43°C - 17°C is

- a) -26°C b) -60°C C) 60°C d) 26°C



5).The picture represents

- a) $2 \times \frac{2}{5}$ b) $2 \times \frac{5}{8}$ c) $3 \times \frac{2}{5}$ d) $3 \times \frac{3}{8}$

6).Additive inverse of 7 is

- a)0 b) (-7) c) 7 d) $\frac{1}{7}$

7).The value of $\frac{1}{24} \div \frac{1}{2}$ is

- (a) $\frac{1}{8}$ b) $\frac{1}{6}$ c) $\frac{1}{12}$ d) $\frac{1}{3}$

8).The product of three negative integers is

- a) positive b) negative c) 0 d) none of these

9).The reciprocal of $2\frac{5}{6}$ is

- a) $\frac{5}{3}$ b) $\frac{17}{6}$ c) $\frac{15}{3}$ d) $\frac{6}{17}$

10) on the number line $(-3) \times 3$ lies on the right of

- a) -10 b) -4 c) 0 d) 9

11) if a, b, c are integers, then $a \times (b+c)$ is equal to

- a) $a \times b + c$ b) $a \times b \times c$ c) $a \times b - a \times c$ d) $a \times b + a \times c$

12) which of the following properties does not hold for subtraction in integers?

- a) Closure b) commutative c) Identity element d) not defined

13) $(-550) \div (-11)$ is

- a) 5 b) -5 c) 50 d) -50

Q14) The number $-2\frac{1}{3}$ is equivalent to

- a) $-2 + \frac{1}{3}$ b) $-2 \times \frac{1}{3}$ c) $-2 - \frac{1}{3}$ d) $-2 \div \frac{1}{3}$

Q15) The next number in the pattern -62, -37, -12, ... is

- a) 25 b) 13 c) 0 d) -13

Q16) which of the following does not represent an integer?

- a) $0 \div (-7)$... b) $20 \div (-4)$... c) $(-9) \div 3$... d) $(-12) \div 5$...

Q17) If a and b are integers which of the following is not true?

- (a) $a \times b = b \times a$ b) $a \times 1 = a$ c) $a \div b = b \div a$ d) $a \times 0 = 0$

Q18) which is the smallest of the following fractions?

- a) $\frac{4}{9}$ b) $\frac{2}{5}$ c) $\frac{3}{7}$ d) $\frac{1}{4}$

Q19) If a fraction $\frac{a}{b}$ is in lowest terms, then HCF of a and b is

- a) a b) b c) 1 d) ab

Q20) which of the following fractions is more than one-third?

- a) $\frac{23}{70}$ b) $\frac{205}{819}$ c) $\frac{26}{75}$ d) $\frac{118}{335}$

Assignment-2

Q.1-) find the product: $(-123) \times 4 \times 19 \times (-25)$

Q.2-) Divide $\frac{5}{8}$ by $\frac{25}{4}$

Q.3-) In an examination, 6 marks are given for every correct answer and (-3) marks are given for every incorrect answer. Abhinav scored 45 marks. if he got 12 correct answers, how many questions did he answer incorrectly?

Q.4-) In a mess, 250 kg of rice consumed every week. If each person consumed $\frac{5}{2}$ kg of rice per week. How many persons were there in the mess?

Q.5-) Evaluate: $[120 \div (-4)] \div [6 - (-9)]$

Q.6-) simplify : $650 \times (-2) + 47 - (-45) + \{20 \text{ of } (4-50) + 2\}$

Q.7-) Hari had 30 pieces of sweets. If he ate $\frac{1}{10}$ of them every day for one week, how many pieces of sweets did he eat?

Q.8-) simplify $11\frac{2}{5} \text{ of } \frac{4}{9} \div \frac{6}{45} - 5$

Q.9-) Shubham spent $\frac{7}{9}$ of his time in the morning studying Maths and Science. He spent $\frac{4}{7}$ of his time studying Maths. What fraction of the total time did he spend studying Science?

Q.10-) Find the product: $(-2) \times (-15)$

Q.11-) Find $\frac{4}{25}$ of a kg

Q.12-) A $\frac{4}{7}$ kg pineapple is cut into 2 equal pieces. Find the weight of each piece.

Q.13-) Simplify: $-237+932+135-448-99-106$

Q.14-) Simplify: $[(490-(50 \times (-3)))-250] \div 5$

Q.15-) Simplify: $\frac{5}{11}$ of $\frac{66}{30} \div \frac{1}{25} - \frac{16}{9}$

Q.16-) A submarine is at 350m below the sea level. It ascends for 10 seconds and then stops. Its final position is at 100m below the sea level. Find the speed of the submarine.

Q.17-) Simplify the expressions:

$$13\frac{1}{5} - [\frac{1}{5} \text{ of } \{4\frac{1}{25} + 3 \text{ of } 5\frac{1}{4} - 6\frac{1}{4}\}]$$

Q.18-) Simplify the expressions:

$$5\frac{2}{7} - [3 + \{12\frac{1}{2} - (7 \text{ of } 1\frac{2}{3} \div 1\frac{1}{9} + 1)\}]$$

Q.19-) During an art class, Miss Vani asked her students to cut $1\frac{1}{2}$ Circles each from a piece of paper. There were 24 students in the class altogether. Miss Vani then arranged the cut-outs to form whole Circles. How many whole circles were formed?

Q.20-) Simplify :

$$(179 \div 2\frac{1}{3}) \times 1\frac{3}{4} \text{ of } 2\frac{1}{3} + 4\frac{11}{13}$$

Activity Time:

Note: Do it in A3 size sheets.

1. Make a beautiful table booklet (tables 1-20) (for all)
2. Make a photo frame on "RAMANUJAN - The Great Mathematician." You need to make a picture of Ramanujan and write his important contributions in about 50 words. (for all)
3. Google the names of the mathematicians who have got the Nobel Prize. Write the names of any five mathematicians from the list and also mention the work for which they got the Nobel Prize.
4. Compare the literacy rate of Haryana and Telangana.
5. Make a project on the following:
 - a) Make a collage of Indian mathematicians. (Roll No. 1-10)
 - b) Properties of Integers (Roll No. 10-20)
 - c) Properties of Fractions (Roll No. 21-30)

Subject: - Science

TASK – 1

(Art Integrated Project)

Instruction: Students have to complete any one project/activity out of the two given options (PROJECT -1 or PROJECT – 2). 🧡📖

PROJECT – 1 – “Acid-Base Time Wheel” ⌚

Create a rotating wheel showing:

- Morning products (toothpaste)
- Kitchen items (vinegar)
- Cleaning products (soap)
- Medical products (antacid)

Discuss how acids and bases are used throughout the day in your life.



(OR)

PROJECT – 2 – 🧑 "The Generational Wheel" 🧑



- Create a circular "Generational Wheel" chart illustrating the Journey of Human life, their characteristics, age groups, responsibilities towards society.
- **Art Integration:** Use a circular layout divided into pie-chart slices. Use symbols and clear, bold texts to mark the various stages of life, their characteristics and roles.
- **Subject Integration:** Mark the legal boundaries and social roles at different stages (e.g., childhood = right to education; adolescence = age of building career foundations and legal awareness; adulthood = voting rights, employment, and economic contribution)
- Students can also tie the various stages of life together using a thread or ribbon, creating a unified book titled "**My Book of Life: The Class 7 Chapter.**" Or may use some other creative way of collaboration.

TASK – 2 (Tracking Summer Weather Patterns and Climate Shifts)

Objective: *To observe, record, and analyse the intense weather conditions during the summer months, understanding their impacts on daily life and the community.*

Instructions: Follow the steps below to complete your project in a neat, creative, and well-organized manner.

1. Temperature Recording & Newspaper Cut-outs

- Choose any **one specific week** during the month of June – 2026 and note the daily maximum and minimum temperature of the place you live in.
- Represent the data in a tabular form as shown:

<u>Date</u>	<u>Day</u>	Minimum Temperature	Maximum Temperature
15/06/2026	Monday	31°C	42°C
16/06/2026	Tuesday		
...			

- **Newspaper Activity:** Find and cut out relevant news clips, weather warnings, or data tables from that exact week and paste these newspaper cut-outs into your project file.
- **Graphical Representation**
Also represent the above data in graphical form (Students can draw two coloured bar graphs using graph paper) and analyse the hottest day of the week.

2. Analysis of Observed Weather Patterns

Provide short, clear explanations covering the following key points:

- ☐ **Possible Reasons:** List the scientific or geographical reasons behind the intense heatwaves and observed weather patterns (such as hot dry winds, clear skies, or a lack of cooling rainfall, possible weak monsoon).
- ☐ **Effect:** Also discuss the sudden changes or shifts caused by this extreme heat (such as changes in school schedules, changes in daily routines, or increase in power and water consumption).

3. Precautions and Suggestions

- Create a dedicated safety section listing essential precautions to take during severe summer heatwave periods.
- Provide some suggestions on how individuals, outdoor workers, and families can prevent dehydration and stay safe from sun exposure.

Instructions for Submission

- Use A4 size-coloured sheets to write your report.
- Ensure all newspaper cut-outs are clearly labelled with the **date and name of the newspaper source**.

TASK – 3

(Assignment)

Read *Chapter – 7 – Heat transfer in Nature* from your science book and complete the assignment given below on A-4 sheets.

Class VII Science Assignment 🌻

Chapter: Heat Transfer in Nature 🌍🔥

Name: _____ Class/Sec: _____ Roll No.: _____

- Heat from the Sun reaches the Earth through:
a) Conduction b) Convection c) Radiation d) Friction
- Hot air rises because it is:
a) Heavier b) Cooler c) Lighter d) Denser
- The movement of air from sea towards land during daytime is called:
a) Land breeze b) Sea breeze c) Storm d) Cyclone
- Which mode of heat transfer takes place in liquids and gases?
a) Radiation b) Convection c) Reflection d) Absorption
- Which surface absorbs more heat?
a) White surface b) Shiny surface c) Black surface d) Transparent
- Which material is a good conductor of heat?
a) Wood b) Plastic c) Iron d) Rubber
- The transfer of heat from hotter object to colder one without any movement of particles from their fixed position is called:
a) Convection b) Radiation c) Conduction d) None of these
- The gaseous state of water is
a) Liquid water b) Ice c) Water vapour d) Snow
- Underground layers that hold groundwater are called
a) Infiltration b) Precipitation c) Storms d) Aquifers
- In which medium does convection not occur?
a) Liquids b) Gases c) Solids d) Air
- Draw a diagram to explain Land breeze.

(Or)

Draw a diagram to explain Sea breeze.

Subject: - Hindi

1. समाचार पत्रों में से मुख्य समाचार एकत्र कर एक कोलाज तैयार कीजिए।
2. औषधीय पौधों के पत्तों को शीट पर लगाकर उनके गुणों के बारे में लिखिए।
3. भारतीय सैनिकों को दिए जाने वाले अवॉर्ड्स के बारे में जानकारी एकत्र कीजिए।
4. कक्षा में कराए गए कार्य की दोहराई।

Subject: - Punjabi

Revise all done work in book and notebook.

Subject: - I.T.

Make a chart on: *"Uses of Artificial Intelligence in Daily Life"*

Include examples like:

1. Mobile phones
2. Smart TVs
3. Online shopping
4. Voice assistants

Instructions

1. Complete homework neatly.
2. Use coloured headings and diagrams.
3. Submit after summer holidays.
4. Mention name, class, section, and roll number clearly

Subject: - Art

Class VII - Do Book Work

Complete Book Page No. 23, 35 and 72 (in Art File)

Draw a Poster on Any Topic

(For example: Stop Pollution / Say No to Plastic)