



SHARDA INTERNATIONAL SCHOOL

HOLIDAY HOME WORK

ACADEMIC SESSION (2025-26)

Dear Parents and Students,

Summer holidays are a wonderful opportunity to rest and refresh, but they can also be a time for creativity, curiosity, and continued learning in a fun way. To keep the spirit of learning alive, we have prepared a light and engaging Summer Holiday Homework. These activities are designed to be enjoyable and enriching — encouraging children to explore, observe, and express themselves.

General Instructions for Holiday Homework

- 1. Time Management**
 - a. Plan a daily schedule to balance study, rest, and fun.
 - b. Avoid last-minute rush — divide your homework and complete it in small portions every day.
- 2. Neatness & Presentation**
 - a. Complete all work neatly and legibly.
 - b. Use good quality materials and keep your work organized and well-presented.
 - c. Mention your name, class, and subject on each assignment/project.
- 3. Creativity & Originality**
 - a. Be creative and original in your work. Use your own ideas rather than copying from others or the internet.
 - b. Where possible, support your work with drawings, diagrams, or pictures.
- 4. Research & Learning**
 - a. Use books, educational websites, and resources to complete your work.
 - b. Learn something new while doing your homework — whether it's a new skill, fact, or concept.
- 5. Parental Involvement**
 - a. Take help from parents or grandparents if needed, especially in activities that involve art, craft, or storytelling.
 - b. Share your learning and holiday experiences with them too!
- 6. Timely Submission**
 - a. Ensure all homework and projects are completed and submitted on the given dates after the vacation.
 - b. Late submissions may not be accepted or may affect your grades.
- 7. Digital Etiquette (If Applicable)**
 - a. If any work is to be submitted online, follow the submission format and deadline.
 - b. Ensure your files are properly named and readable.
- 8. Stay Safe & Healthy**
 - a. While completing your work, also take breaks, stay active, eat healthy, and keep a positive routine.

Enjoy your holidays!

Use this time to learn, grow, and most importantly, to relax and have fun.

Warmly ,

Class Teacher

Sharda International School

Class 6

Submission of work Subject wise :-

English, Hindi & Maths: - Thursday, 3rd July, 2025.

Art, Science & SST: - Friday, 4th July, 2025.

IT, Sanskrit & GK: - Saturday, 5th July, 2025.

Subject: - Science

Task- 1 ART INTEGRATED PROJECT(FOR ALL) – Make an art integrated project file on topic “GAMES AND TOYS OF UTTAR PRADESH “.

NOTE:-

THIS TOPIC SHOULD INCLUDE SCIENTIFIC ASPECTS.

***Make A Project File which includes Cover page, Index page, Acknowledgement page and put them in a handmade folder.**

Task-2. Do the following project according to your Roll Numbers.

- **Chapter : Wonderful World of Science(Roll No.22 to 29)**

A) Project:

Create a scrapbook titled "**Science in Everyday Life**".

Include 10 examples of how science is used at home, in transport, in communication, and in health. Use drawings, cut-outs, and short write-ups.

B) Presentation:

Make a **poster** presentation on your favourite scientist and how their discovery changed the world.

Write a **story** or diary entry titled "**A Day without Science**". Focus on what would happen if science vanished for a day ?

- **Chapter: Diversity in the Living World (Roll No.14 to 21)**

A)Project:

Create a 3D model or collage of five different habitats (desert, forest, ocean, polar, grassland) and list 2–3 animals/plants adapted to each.

B)Presentation:

Give a short speech or create a digital poster explaining "**Why biodiversity is important to us?**"

Prepare a **scrapbook** having picture of animals from different habitat with their adaptation.

- **Chapter – Material around us(Roll No.7 to 13)**

A) Project

“Material Monster”:

Use waste materials like plastic bottle caps, paper, cloth, foil, etc., to make a creative character or animal. Label the materials used.

B) Texture Collage:

Create a collage of materials with different textures: rough (sandpaper), smooth (foil), soft (cotton), hard (plastic). Label them and add one line about where each is used in daily life.

Prepare a **scrapbook** titled as **“Around the World in 10 Materials”**.

- **Chapter- Motion and Measurement (Roll No.1 to 6)**

Motion Model

Objective: Demonstrate different types of motion using simple materials.

A) Create models that showcase:

Rectilinear Motion: A toy car moving in a straight line.

Circular Motion: A paper spinner rotating.

Periodic Motion: A pendulum swinging.

B) Presentation: Prepare a short explanation for each model, describing the type of motion and real-life examples.

“Make a chart on “Units of Measurement”

Objective: Create a chart that explains different units of measurement for length.

Subject: - Maths

Topic -1. ART INTEGRATED PROJECT (FOR ALL) – Make an art integrated project file on topic “GAMES AND TOYS OF UTTAR PRADESH “.

NOTE:-

THIS TOPIC SHOULD INCLUDE MATHEMATICAL ASPECTS.

Make a Project File which includes cover page, index page, and Acknowledgement page and put them in a folder.

Topic- 2. Revise Ch-1, 3 properly along with examples in practice notebook.

Topic- 3 - Choose and make any one model of your choice from option A, B, C.

A) Fraction Pizza Model

Description: Craft a pizza using cardboard, dividing it into slices to represent different fractions (e.g., $\frac{1}{2}$, $\frac{1}{4}$, and $\frac{1}{8}$).

B) Fraction Wall Chart

Description: Design a wall chart displaying fractions in ascending order, using coloured strips to represent each fraction's size.

C) Interactive Fraction Wheel

Description: Create a spinning wheel divided into fractional parts, allowing users to match equivalent fractions.

Topic- 4 – Solve these sums on loose sheets:-

Q1: Find out the missing numbers and figure out what the pattern rule is for each box.

17, 20, 23, 26, 29, __, __, __

25, 30, 35, 40, 45, __, __, __

__, __, __, 60, 70, 80, 90, 100

8, __, 24, __, 40, __, __, 64

__, __, __, 36, 45, 54, 63, 72

Q2: Find out what type of pattern is represented by the given diagram and write number pattern for the same:



Q3 Fill in the blanks:-

- A. A _____ polygon is a shape with all sides and angles equal.
- B. The sequence 1, 8, 27, 64, represents the _____ of numbers.
- C. _____ Numbers can be represented as dots forming a perfect square.
- D. The pattern 2, 4, 6, 8, 10, is a sequence of _____ numbers.
- E. _____ numbers increase by the same amount each time, and this sequence is called counting numbers.

Q4 True or False

- A. The sequence 1, 4, 9, 16, 25, ... is an example of cube numbers.
- B. A regular pentagon has equal sides but different angles.
- C. The sequence of odd numbers starts with 1, 3, 5, 7, ...
- D. A shape sequence starting with a square and adding one side each time would form polygons with increasing numbers of sides.
- E. The number 36 can be both a square number and a triangular number.

Q5 Word Problem

- A. Riya is stacking books in a pyramid shape. The first row has 1 book, the second has 3, and the third has 6. If she continues this pattern, how many books will be in the fifth row?
- B. A honeycomb follows a hexagonal pattern. If the first row has 1 cell, the second has 7 cells, and the third has 19 cells, how many will be in the fourth row?
- C. A school's staircase follows a pattern: The first step has 2 tiles, the second has 4, and the third has 6. How many tiles will be on the 10th step?
- D. Give a diagrammatic representation of triangular numbers.
- E. Represent 36 as both triangular and square numbers.

Q6 Figure it out :-

- a) Can you find a similar pictorial explanation for why adding counting numbers up and down, i.e., $1, 1 + 2 + 1, 1 + 2 + 3 + 2 + 1 \dots$, gives square numbers?

- b) By imagining a large version of your picture, or drawing it partially, as needed, can you see what will be the value of $1 + 2 + 3 + \dots + 99 + 100 + 99 + \dots + 3 + 2 + 1$?
- c) Which sequence do you get when you start to add the All 1's sequence up? What sequence do you get when you add the All 1's sequence up and down?
- d) Which sequence do you get when you start to add the counting numbers up? Can you give a smaller pictorial explanation?
- e) What happens when you add up pairs of consecutive triangular numbers? That is, take $1 + 3$, $3 + 6$, $6 + 10$, $10 + 15 \dots$ Which sequence do you get? Why? Can you explain it with a picture?
- f) What happens when you start to add up powers of 2 starting with 1, i.e., take 1 , $1 + 2$, $1 + 2 + 4$, $1 + 2 + 4 + 8 \dots$? Now add 1 to each of these numbers what numbers do you get? Why does this happen?
- g) What happens when you multiply the triangular numbers by 6 and add 1? Which sequence do you get? Can you explain it with a picture?
- h) What happens when you start to add up hexagonal numbers, i.e., take 1 , $1 + 7$, $1 + 7 + 19$, $1 + 7 + 19 + 37 \dots$? Which sequence do you get? Can you explain it using a picture of a cube?

Chapter -3(Number play)

Q1 Fill in the Blanks

A) : I am a 5-digit palindrome.
 I am an odd number.
 My 't' digit is double of my 'u' digit.
 My 'h' digit is double of my 't' digit.
 . Who am I?

- B) In a grid, a super cell is a number that is _____ than its neighbours' directly above, below, left, and right.
- C) On a 12-hour clock, the time 10:10 is interesting because it forms a _____ pattern.

Q2 True or False

- (a) The number 2754 would be placed between 2000 and 3000 on a number line.
- (b) 3000 on a number line.
- (c) The number 131 is not a palindrome.
- (d) On a number line, 9950 would be placed exactly at 10,000.
- (e) The digit '7' appears 100 times in the tens place in numbers from 1 to 1000.
- (f) If you reverse the number 123 and add it to the original
 - a. Number, you will get a palindrome.

Q3 Solve the Following:-

- (a) Write one 5-digit number and two 3-digit numbers such that their sum is 24,530.
- (b) Pranav uses the digits '5', '2', '6', and '3' to make the smallest and largest 4-digit numbers with them: 2356 and 6532. The difference between these two numbers is $6532 - 2356 = 4176$. The sum of these two numbers is 8888.

Choose 4-digits to make:

1. The difference between the largest and smallest numbers
 - a. greater than 4176.

2. The sum of the largest and smallest numbers greater than 8888.

(c) Create a 4-digit number where the digit sum is 16, and the number is a palindrome. Provide the number.

Subject:-हिंदी

- निर्देश : सम्पूर्ण लेखन कार्य साधारण कागज, ए फ़ोर शीट एवं हिंदी व्याकरण पुस्तिका में किया जाएगा ।
- निर्देशानुसार एवं प्रश्न के अनुरूप सचित्र प्रस्तुतीकरण अनिवार्य है ।
- त्रुटिरहित लेखन एवं निर्धारित समय सीमा को ध्यान में रखते हुए संपूर्ण हिन्दी गृह कार्य को पूर्ण मनोयोग एवं एकाग्रता से संपन्न करे।

1. 'ग्रीष्मावकाश में मेरी दिनचर्या' विषय पर एक अनुच्छेद लिखिए

2. सदा स्त्रीलिंग और पुल्लिंग रहने वाले किन्ही पाँच शब्दों से वाक्य रचना कीजिए ।

3. हिन्दी के किसी भी दैनिक समाचार पत्र में प्रकाशित हुई शिक्षाप्रद रचनाओं, लेखों, जीवनी आदि को संकलित करके ए-4 शीट या चार्ट तैयार कीजिए ।

4. ए-4 शीट पर संज्ञा के सारे भेदों के चित्र चिपकाकर नाम लिखिए ।

5. प्रतिदिन एक पृष्ठ का सुलेख एवं पठन का अभ्यास कीजिए ।

6. लिखित भाषा और मौखिक भाषा के चार-चार उदाहरण एक सचित्र चार्ट के माध्यम से प्रस्तुत कीजिए ।

7. शब्द भंडार (अर्द्ध वार्षिक पाठ्यक्रम तक) व्याकरण पुस्तिका में लिखिए और याद कीजिए ।

8. अभी तक करवाए गए व्याकरण पाठ्यक्रम का पुनः अभ्यास एवं शब्द भंडार के अभ्यास प्रश्न हल कीजिए ।

9. नीलू कहानी की तरह किसी अन्य पशु की कहानी का सचित्र वर्णन कीजिए ।

10. आपने अपने घर में पशु पक्षियों के लिए जलपान की व्यवस्था की है इस बातचीत को मित्र के साथ को रोचक संवाद के रूप में लिखिए ।

11. कला एकीकृत परियोजना कार्य
उत्तर प्रदेश की प्राचीन खेल संस्कृति
(खेल, खेलौने,)

Subject संस्कृत

1. पाठ्य-पुस्तक में पृष्ठ संख्या 41-42 पर दिए गए प्रश्नपत्र को पाठ्य-पुस्तक में ही पूरा करें।

2. 5 वृक्षों के नाम अपनी संस्कृत की कार्यपुस्तिका (notebook) में लिखें और उनका वर्ण -विच्छेद करें।

3. अपने प्रिय पक्षी का चित्र बनाएँ और उसका नाम लिखें।

Subject: - Computer

Create your mark sheet of class-V in Excel and calculate the total marks and also calculate the percentage of the marks you have obtained.

- Find the subject in which you get maximum and minimum marks using the function.
- Give nice background and border to your table.

► Visit www.kiddle.co and search for any topic of

Interest and make POWER POINT PRESENTATION on it.

Subject: - General knowledge

- Do Complete Unit: 2, 3, 4 in book.
- Write 5 current affairs daily in Notebook.
- Paste any 5 pictures of Great personalities on a chart paper and write two points on it.

Subject:- English

Art Integrated Homework Project work

- ❖ Write about a **popular art form** of your region/ village.
- ❖ Mention about its origin, how it is conducted, about the famous artists, draw/ paste pictures of the art work.
- ❖ Write a notice informing your class about an Art Mela being organised by the school. Ask the students to participate in the Mela along with a popular art form of their village. Mention the day, date, and venue of the Art Mela with other necessary details.
- ❖ Make a handbook of forms of verb (atleast 30) and decorate the cover.
- ❖ Read English Newspaper every day.
- ❖ Read any children's' story book. Write summary of the story in 100 words.
- ❖ Write all these on A4 coloured sheet and put them in a handmade folder.

Subject:- SST

1. Choose any four rivers, research and create a fact sheet. Include the following information:
 - *The length of each river
 - *Where is river starts (its source)
 - *The states the river flows through major cities located along the river.
2. Write Questions Answers of PT-2 syllabus uploaded on e-care.
Ch-2 (Geography) Ocean and Continents
Ch-9 (civics) family and community
3. Find out activity- Make a small Pamphlet
Topic- Election Campaign
 - Decide your party name and symbols.
 - Make your own political manifesto.
 - How will you convince people to vote you?
3. **Art integrated project – ‘Game / Toys of Uttar Pradesh’.**

Make toys and write about them under the following heading:

- (i) How the toys are prepared ?
- (ii) Their significance
- (iii) Cultural importance

(iv) In which region of UP these toys are generally prepared and used ?

Subject:- Art and craft

- 1) Do page no 13-20 in Art book.
- 2) Draw 4 birds, 3 animals in sketch file. Do pg no 34, 31, 38, 39 (Artbook) in sketch file.
- 3) Craft--Egg carton flower lamp. Materials required--egg cartons, fairy light, paint. Skill developed--sculpting, electrical safety.

Happy Holidays and Best Wishes!