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

Submission of work Subject wise:-
SST, Sanskrit & IT – Thursday, 3rd July, 2025
English, Hindi & Maths – Friday, 4th July, 2025
Art, Science & G.K – Saturday, 5th July, 2025

ENGLISH :

Art Integarted Homework
Project work.

❖ Write introduction about folk songs, Types of folk songs, popular Folk singers,
❖ Pen down any folk song famous in your area along with its moral and meaning.Decorate the A-4 size sheet acoording to the theme of the Song/story.
❖ Write a conversation between you and your friend about the need to ban plastic.

1. Read English Newspaper everyday. Write 5 news headlines daily from 1st June to 30th June in A4 size sheets.
2. Read any children's' story book. Write summary of the story in 100 words.
   • Submit H.W in hand made folder.
   _____
3. **Solve grammar exercise of PT 2 SYLLABUS in grammar notebook**
4. **Revise and Prepare PT 2 syllabus.**

विषय– हिन्दी

• *निर्देशः सम्पूर्ण लेखन कार्य हिंदी व्याकरण पुस्तिका, साधारणकागजएवंए- 4 शीटमें 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.अनेकता में एकता का भाव दर्शाती हुई की कोई एक कविता लिखिए।
2.एकअनुच्छेद लिखिए जिसमें संज्ञा शब्दोंकाप्रयोगहुआहो।
3.अपनीमनपसंदजगहपरघूमनेकाआग्रहकरतेहुएपिताऔरपुत्रकीबातचीतकोसंवादकेरूपमेंलिखिए4. साइकिल की सवारी पाठ का सार लिखिए।
5. 'यदि मैं एक चिकित्सक होता.....' विषय परएकअनुच्छेदलिखिए।
6.अपनी मनपसंद साइकिल का चित्र बनाकर उसके सभी कलपुर्जों के नाम लिखिए।
7. शब्द भंडार(अर्धवार्षिकपाठ्यक्रमतक) व्याकरण पुस्तिका में लिखें एवं यादकरें।
8. शब्द भंडार के अभ्यास प्रश्नपुस्तक में हलकरें।
9अभी तक हल किए गए व्याकरण पाठ्यक्रम काअभ्यासकरें।
10.हिन्दी दैनिक समाचार पत्र के ज्ञान वर्धक लेखों का संकलन कर एक कोला जब नाए।
11.सदा स्त्रीलिंगऔरसदा पुल्लिंग रहने वाले शब्दों से दस वाक्य लिखिए।
कलाए की कृत परियोजना कार्य
हमारा क्षेत्र कीअज्ञातस्मारके
(साधन: ए -4 शीट, चित्र, पृष्ठ संख्या 3-4)

MATHS :

INSTRUCTIONS:
- **USE LOOSE RULED SHEET FOR DOING SOLUTIONS.**
- **AVOID USE OF DESIGNER SHEETS**
- **DO Y0UR WORK NEAT AND CLEAN.**
- **WRITE YOUR NAME, CLASS AND ROLL NO. ON THE FIRST SHEET.**

………

1. What are the multiplicative and additive identities of rational numbers?
2. Write the additive inverse of 19/-6 and -2/3.
3. . Write the multiplicative inverse of -13/19 and -7
4. Mention a rational number which has no reciprocal.
5. Mention any 4 rational numbers which are less than 5.
6. Write any 5 rational numbers between −2/5 and ½.
7. If the product of any two rational numbers is 2 and one of them is 1/7, find the other?
8. Find the value of $(4^0 + 4^{-1}) \times 2^2$
9. Find the value of x for which $2^x \div 2^{-4} = 4^5$
10. Calculate the missing value of "x" in the following expression: $(11/9)^3 \times (9/11)^6 = (11/9)^{2x-1}$
11. Express 0.00000000837 in standard form.
12. Write 3.61492×10^6 in usual form.
13. The number of students in a hostel, speaking different languages is given below. Display the data in a pie chart.
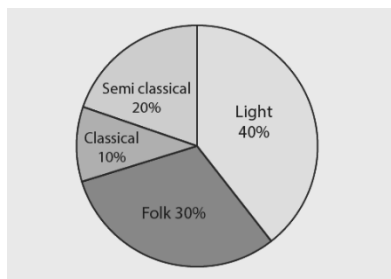
Language	Hindi	English	Marathi	Tamil	Bengali	Total
No. of students	40	12	9	7	4	72

14. When a die is thrown, list the outcomes of an event of getting:

    (i)(a) a prime number

    (b) not a prime number

    (ii)(a) a number greater than 5

    (b) a number not greater than 5.

15. In a deck of 52 cards, what is the probability of getting:
    Black cards
    Red Cards
    Face Cards
16. When a die is thrown, what is the probability of getting a prime number?
17. Draw a Bar Graph for the given data:

School Supplies	Clip Board	crayon	Folder	Highlighter	Notebook	Binder
Items Sold	6	7	7	9		12

18. . Construct a pie chart for the given data:

Method of travel	Walk	Bike	Car	Bus
Frequency	9	3	6	12

19. If you have a spinning wheel with 3 green sectors, 1 blue sector and 1 red sector, what is the probability of getting a green sector? What is the probability of getting a non-blue sector?

20. A survey was made to find the type of music that a certain group of young people liked in a city. The adjoining pie chart shows the findings of this survey. From this pie chart, answer the following:

(i) If 20 people liked classical music, how many young people were surveyed?

(ii) Which type of music is liked by the maximum number of people?

(iii) If a cassette company were to make 1000 CD's, how many of each type would they make?
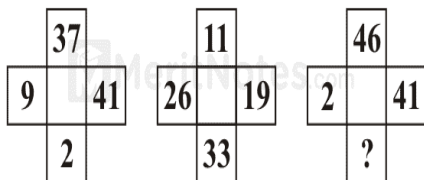

21. Write a Pythagorean triplet whose one member is:

(i) 6   (ii) 14

22. Show that 121 is the sum of 11 odd natural numbers.
23. Find the square roots of 100 and 169 by the method of repeated subtraction
24. Find the square root of 729 using factorisation method.
25. Find the smallest whole number by which 1008 should be multiplied so as to get a perfect square number. Also, find the square root of the square number so obtained.
26. Find the smallest whole number by which 2800 should be divided so as to get a perfect square.
27. 2025 plants are to be planted in a garden in such a way that each row contains as many plants as the number of rows. Find the number of rows and the number of plants in each row.
28. Find the square root of 7921 using long division method.
29. Find the square root of 42.25 using long division method.
30. Find the least number which must be added to 1750 so as to get a perfect square. Also, find the square root of the obtained number.
31. Find the smallest square number that is divisible by each of the numbers 8, 15 and 20.
32. A dice is rolled. Find the probability og getting
    I.   an even number
    II.   an odd number
    III.   a prime number
    IV.   a composite number
    V.   a no. less than 6
33. A coin is tossed. Find the probability of getting a head.
34. What is the probability of a sure event?
35. What is the probability of an impossible event?

MENTAL MATHS

36. The product of two rational numbers is a ……..

37. Multiplicative identity of a rational numbers is …….

38. Division of a rational number by a non – zero rational number is a ……..

39. Two quantities are said to be in direct variation if increase in one quantity cause…… in other quantity.

40. More work is done in ………. Time.

41. If 12metre of wire costs ₹24, then cost of 8mrtre wire is……

42. A number ending in ……. Is never a perfect square.

43. No. Of zeros in the end of the square of 400 is…..

44. Sum of first 10 odd natural numbers is …….

45. Square root of 0.0016 is ………..
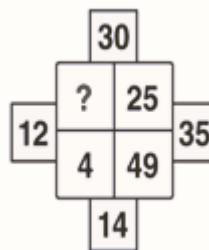
PUZZLES

What number should replace the question mark?

	37			11			46	
9		41	26		19	2		41
	2			33			?	

What number should replace the question mark?

32   21   ?

3 7   9 2   4 8

Can You Solve This?
Viral "IQ" Test

1 + 4 = 5
2 + 5 = 12
3 + 6 = 21
8 + 11 = ?

Mind Your Decisions

	30	
?	25	
12		35
4	49	
	14	

90% of people fail to answer

44	9	37
43	8	21
42	7	?

<u>PROJECT WORK</u>

1. Prepare a working model on square and square roots on a card board. (Roll no. 1 to 5)
2. Prepare a working model on cube and cube roots on a card board. (Roll no. 6 to 10)
3. Make any 3 – D Shape and write abouts its no. of faces, vertices and edges. (Roll no. 11 to 15)
4. Compose or collect a poem on maths which shows indifference of maths with life, beauty of maths, nature of maths, role of maths, fun with maths etc. (Roll no. 16 to 20)
5. List 15 MATHEMATICIANS along with their countries including 5 INDIAN MATHEMATICIANS. DO ON A CHART PAPER. ALSO PASTE THEIR PICTURES. (Roll no. 21-25).
6. Prepare a ART INTEGRATED PROJECT on the topic 'UNDISCOVERED MONUMENTS OF YOUR STATE(ANY ONE MONUMENT. (FOR ALL STUDENTS)

SCIENCE :
OUTDOOR ACTIVITY: Visit the Sultanpur National Park located in Gurgaon district of Haryana state with your parents and make a list of animals and birds found there. Also write the adaptations of any five animals in the scrap book or A4 size colured sheets along with the pictures.
TASK - 1
Working Model : Prepare a working model on following topics:
- Tester to test conductivity of a liquid (Roll No. 1 to 4)
- Kaleidoscope (Roll No. 5 to 8)
- Periscope (Roll No. 9 to 12)
- Electroscope(Roll No. 13 to 16)
- Solar system (Roll No. 17 to 20)
- Vacuum cleaner (Roll No. 21 to 25)
TASK – 2
ART INTEGRATED PROJECT: To explore any 2 undiscovered monument of your state and prepare a project report on the following bases:
- Study the architectural design of domes, pillars and walls using centre of gravity, load distribution and friction.
- Explore the flora and fauna near to these monuments
- What is composition and chemical properties of the materials (lime, sand, natural pigment etc.) used to make these monuments.
- Study the effects of oxidation, acid rain and pollutants on these monuments.
- Collect the data in form of images/ Research work done from the newspaper, magazines and articles.
Instructions:
Use colored A4 size colored sheets to write contents.
Begin with acknowledgement and brief introduction about history of these monuments on separate sheets.
Draw table and paste pictures related to the topics on the plane side of the assignment colored sheet.
Assemble all the sheets in sequence in a handmade folder.
TASK – 3
Written Work:
- Solve the exercise (MCQ, Match the columns, Fill in the blanks, True or False, Picture study, Life skill, Assertion - Reason and Case study) given on Pg. No. 59 to 63 in book with pencil.
- Write the given 12 In text Ques/Ans in your science file.
- Write the book exercise Ques/Ans of Chapter – 3 given on pg. No. 60.
Intext Ques/Ans:
1. Differentiate between renewable and non renewable resources.
2. What do you mean by natural resources? Explain its types with two example of each.

3. Name and explain the process used in formation of coal.
4. Explain the different forms of carbon along with their percentage content.
5. Write any five uses of coal.
6. What do you mean by destructive distillation of coal? Explain the product obtained from coal along with one use of each.
7. Write any five products of petroleum along with their temperature range. Give one use of each product.
8. What is the full form of CNG? Name the chemical added into it to add its smell.
9. Write any six ways that that be followed to conserve energy.
10. What is meant by biofuels? Give its three examples.
11. Expand PCRA. What are its objectives?
12. What do you mean by petrochemical? What are its uses? Give its examples.

TASK – 4

Learning Work: Revise the PT – 2 explained syllabus.

SOCIAL SCIENCE:

NOTE: Complete the HW Neatly.

Find an attachment for questions answers of UT -2 chapters uploaded on e-care. Write them in history notebook.

A) Ch:-7From traders to rulers (History)
B) Ch:-11 Reforms and Reformers (History)

ACTIVITY -1

Prepare a Reportin a scrap book on **Census by surveying of your locality under the following headings.**

- Gender Ratio (male / female)
- Literacy Ratio (Men/ women.)
- Age composition (Men/ women)
- Employment status (men/ women.

Activity-2

Art -integrated project (Do on A4 size sheet)

(UNDISCOVERED MONUMENT OF YOUR STATE.)

- Prepare a project on the above given Topic under the following Headings.
- Location
- History
- Architecture And images
- Significance

Activity-3

Prepare a project on Tribal**community of Nagaland / Rajasthan under the following headings**

- Their culture
- Their language
- Their education
- Their occupation

Prepare the Projects in A4 size sheets.

SANSKRIT:

पृष्ठ 31-32 पर दिए गए प्रश्नपत्र को पाठ्य-पुस्तक में ही पूरा करें;इसी प्रश्नपत्र में दी गई गतिविधियों 1,2 एवं को संस्कृत की कार्यपुस्तिका (note book) में करें।

Information Technology:

Theme: Basic Programming & Internet Awareness

- **➤ Create a Simple Web Page**
- **Webpage Title: My Summer Holidays**
- **Your page should include:**
- **A title in the browser tab using <title>.**
- **A main heading using <h1>: e.g., "My Summer Holiday Homework"**
- **A paragraph <p> describing how you plan to spend your summer vacation.**
- **A list of 5 activities you enjoy (use either <ul> or <ol>).**
- **A table with two columns:**
- **Place Visited**
- **What I Did There**
- **Insert an image (can be a local image or from the internet).**
- **Add a horizontal line (<hr>) and a line break (<br>) for formatting.**
- **Add your name and grade at the bottom using <footer> or <p>.**
- **Add a link to your favourite website using <a> tag.**
- **Try changing the background color of the page using inline CSS.**
- **Save your file as: yourname_summerhomework.html**

➤ Make power point presentation on phishing and how to avoid it.

ART :

- Do pg no 12,14,15,17,20,22,23,25,26 in art book.
- Do pg no38,41 in sketch file. Do 4 sketching in sketch File.
- Craft- Make a beautiful flower pot using best out of waste materials.

General Knowledge:

Answer the following questions in your G.K Notebook.

1. Write a short note on the following topics:
   - Lion tailed macaque
   - Statue of unity
   - The Rajputana rifles
   - Coconut water
   - Black rhino
2. Who is the current Vice President of India?

3. Which city is known as the Silicon Valley of India?
4. Which Indian river is considered the holiest?
5. Who is the Minister of External Affairs in India?
6. Which Indian state is known for the desert festival?
7. What is the currency of India?
8. Which global company launched a new affordable electric car in 2025 aimed at developing countries?
9. Who wrote the Indian National Anthem?
10. What is the latest mission launched by ISRO?