



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

- Plan a daily schedule to balance study, rest, and fun.
- Avoid last-minute rush — divide your homework and complete it in small portions every day.

2. Neatness & Presentation

- Complete all work neatly and legibly.
- Use good quality materials and keep your work organized and well-presented.
- Mention your name, class, and subject on each assignment/project.

3. Creativity & Originality

- Be creative and original in your work. Use your own ideas rather than copying from others or the internet.
- Where possible, support your work with drawings, diagrams, or pictures.

4. Research & Learning

- Use books, educational websites, and resources to complete your work.
- Learn something new while doing your homework — whether it's a new skill, fact, or concept.

5. Parental Involvement

- Take help from parents or grandparents if needed, especially in activities that involve art, craft, or storytelling.
- Share your learning and holiday experiences with them too!

6. Timely Submission

- Ensure all homework and projects are completed and submitted on the given dates after the vacation.
- Late submissions may not be accepted or may affect your grades.

7. Digital Etiquette (If Applicable)

- If any work is to be submitted online, follow the submission format and deadline.
- Ensure your files are properly named and readable.

8. Stay Safe & Healthy

- 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 VII

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.

ENGLISH

ART INTEGRATED PROJECT

Write the information on A4 size sheets. Assemble all sheets in handmade folder.

1. Make a poster on 'Saluting the Nation's Heroes' (key messages – freedom, unity, patriotism)
2. Make a handbook of Rules of Tenses and Rules of Voice. (1-10
3. Make a chart on Three forms of Verbs. (Minimum 50 verbs) (Only for roll nos. (11-15)
4. Make a chart of all Tenses. (Only for roll no's 16-24)
5. Read English Newspaper every day.
6. Read any children's story book. Write summary of the story in 100 words.
7. Solve PT 2 syllabus grammar book exercises in grammar notebook.
8. Revise and Prepare PT 2 syllabus.

हिंदी

- निर्देश- सम्पूर्ण लेखन कार्य हिंदी व्याकरण पुस्तिका, साधारण कागज एवं ए फ़ोर शीट 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. 'देश का रक्षक हिमालय' विषय पर एक सारगर्भित अनुच्छेद लिखें ।
2. अग्निपथ कविता के समान हरिवंश राय बच्चन जी की पाँच अन्य कविताओं को चित्र सहित लिखिए ।

3. वर्तमान समय में विश्व में योग पर कौन कौन से अभियान चलाया जा रहा है वर्णन कीजिए एवं ए-4 शीट पर चित्र के माध्यम से प्रस्तुत कीजिए ।
 4. योग के विभिन्न आसनों का एक सचित्र चार्ट निर्मित कीजिए ।
 5. शब्द भंडार (अर्धवार्षिक पाठ्यक्रम) व्याकरण पुस्तिका में लिखिए एवं याद कीजिए ।
 6. पाठ्यपुस्तक में निहित शब्द भंडार के अभ्यास प्रश्न हल पुस्तक में ही हल कीजिए ।
 7. हिन्दी के दैनिक समाचार पत्र में प्रकाशित किन्हीं 5 लेखको, कवियों, प्रकाशकों की रचनाओं को संकलित करके एक कोलाज बनाए ।
 8. सदा एक वचन और सदा बहुवचन रहने वाले किन्हीं पाँच शब्दों से पाँच- पाँच वाक्य रचना कीजिए।
 9. आपका जन्मदिन आने वाला है इसकी तैयारी को लेकर हुई बातचीत को मित्र के साथ हुए संवाद के रूप में लिखिए ।
 10. प्रतिदिन सुलेख एवं पठन का अभ्यास कीजिए।
 11. अनावश्यक सामग्री का उपयोग करते हुए क्रिकेट के खेल का एक मॉडल बनाइए ।
- कला एकीकृत परियोजना कार्य**
हरियाणा की प्राचीन खेल संस्कृति
(प्राचीन खेल, खिलौने, परम्परागत खेल)

MATHEMATICS

INSTRUCTIONS:

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

1. Evaluate the following:
(I) $22 - (-87)$ (ii) $198 + (-12)$ (iii) $-16.87 - 30$ (IV) $-19 + 34 - 34$
2. Find the additive inverse of the following:
(i) 23 (ii) 108 (iii) 476 (iv) -39
3. Evaluate using properties:
(i) $89 - 58 + 28 - (-32)$

(ii) $193 + 208 - \{29 - (367)\}$

4. In a class test containing 20 questions, 5 marks are awarded for each correct answer and 2 marks is deducted for each wrong answer. If Riya get 15 correct answers out of all the questions attempted. What is her total score?

5. An elevator descends at the rate of 4 m/min. If the elevator start descending 25 m above the ground level, how long will it take to cover -450 m?

6. Mukesh has a box of 24 pencils. He gives half of them to Sunita. How many does Sunita get? How many does Mukesh still have?

7. Shikha painted $\frac{1}{5}$ of the wall space in her room. Her brother Ravish helped and painted $\frac{3}{5}$ of the wall space. How much did they paint together? How much the room is left unpainted?

8. The teacher taught $\frac{3}{5}$ of the book, Vivek revised $\frac{1}{5}$ more on his own. How much does he still have to revise?

9. A piece of a wire $\frac{7}{8}$ metres long broke into two pieces. One piece was $\frac{1}{4}$ meter long. How long is the other piece?

10. Organise the following marks in a class assessment in a tabular form. 4, 6, 7, 5, 3, 5, 4, 5, 2, 6, 2, 5, 1, 9, 6, 5, 8, 4, 6, 7

(i) Which number is the highest? (ii) Which number is the lowest?

(iii) What is the range of the data? (iv) Find the arithmetic mean.

11. Find the mean of the first five whole numbers.

12. A cricketer scores the following runs in eight innings:

58, 76, 40, 35, 46, 45, 0, 100. Find the mean score.

13. The marks (out of 100) obtained by a group of students in a science test are 85, 76, 90, 85, 39, 48, 56, 95, 81 and 75. Find the:

(i) Highest and lowest marks obtained by the students. (ii) Range of the marks obtained. (iii) Mean marks obtained by the group.

14. The heights of 10 girls were measured in cm, and the results are as follows: 135, 150, 139, 128, 151, 132, 146, 149, 143, and 141.

(i) What is the height of the tallest girl?

(ii) What is the height of the shortest girl?

(iii) What is the range of the data?

- (iv) What is the mean height of the girls?
- (v) How many girls have heights more than the mean height?

15. The scores on the Mathematics test (out of 25) of 15 students are as follows:

19, 25, 23, 20, 9, 20, 15, 10, 5, 16, 25, 20, 24, 12, 20

Find the mode and median of this data. Are they the same?

16. The weights (in kg.) of 15 students

38, 42, 35, 37, 45, 50, 32, 43, 43, 40, 36, 38, 43, 38, 47

(I) Find the mode and median of this data. Number of children in six different classes is given below. Represent the data on a bar graph.

(a) How would you choose a scale?

(b) Answer the following questions:

(i) Which class has the maximum number of children? And the minimum?

(ii) Find the ratio of students of Class six to the students of Class eight. (ii) Is there more than one mode?

17. Write each of the following as decimals:

(i) $(8/100)$

(ii) $20 + (9/10) + (4/100)$

(iii) $23 + (2/10) + (6/1000)$

18. Convert each of the following decimals as fractions:

(i) 0.04 (ii) 2.34 (iii) 0.342 (iv) 17.38

19. Add the following:

(i) 41.8, 39.24, 5.01 and 62.6 (ii) 18.03, 146.3, .829 and 5.324

20. Find the value of:

(i) $9.756 - 6.28$ (ii) $48.1 - 0.37$

21. What is to be added to 36.85 to get 59.41?

22. What is to be subtracted from 17.1 to get 2.051?

23. Find the product:

(i) 4.74×10 (ii) 0.45×100 (iii) 0.0215×100 (iv) 0.0054×1000

24. Find the product:

(i) 3.14×17 (ii) 0.745×12 (iii) 28.73×47 (iv) 0.0415×59

25. Divide:

(i) 142.45 by 10 (ii) 54.25 by 100 (iii) 3.45 by 1000 (iv) 0.57 by 100
(v) 0.0043 by 100 (vi) 0.004 by 1000

26. Divide:

(i) 0.45 by 9 (ii) 217.44 by 18 (iii) 319.2 by 2.28
(iv) 40.32 by 9.6 (v) 0.765 by 0.9 (vi) 0.768 by 1.6

27. The total weight of some bags of wheat is 1743 kg. If each bag weighs 49.8 kg, how many bags are there?

28. Shikha cuts 50 m of cloth into pieces of 1.25 m each. How many pieces does she get?

29. Simplify:

(i) 3×102 (ii) 22×53 (iii) 33×52

30. Identify the greater number in each of the following:

(i) 25 or 52. (ii) 34 or 4^3 (iii) 35 or 53

31. Express each of the following numbers in exponential form:

(i) 512 (ii) 625. (iii) 729

32. Using laws of exponents, simplify and write the answer in exponential form.

(i) $2^3 \times 2^4 \times 2^5$

(ii) $5^{12} \div 5^3$

(iii) $(7^2)^3$

(iv) $(3^2)^5 \div 3^4$

(v) $3^7 \times 2^7$

(vi) $(5^{21} \div 5^{13}) \times 5^7$

MENTAL MATHS

33. $(7 \times 3) + (7 + 3) = \dots\dots\dots$

34. $9 + 8 + 7 = 6 + 5 + ?$ Solve for?

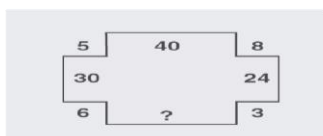
35. Find the value of 7 cubed.

36. What is the largest two digit prime number less than 100?

37. How many halves are in four ones?

38. Sixty-four per cent of the children in school are girls. What Percentage are boys?
39. The side of a square is two inches. What is the area of the square?
40. A coach trip starts at nine fifty. It lasts thirty-five minutes. At what time does it finish?
41. The temperature outside is minus three degrees Celsius. What will be the temperature after it rises seven degrees?
42. $(15 + 5) \div (3 + (3 - 2) \times 2) = \dots\dots\dots$
43. What is 700 divided by .0010?
44. A raisin weights 1.2 grams and that is .9 grams less than a grape. What is the weight of 2 raisins?
45. How much is 25% of \$200?
46. Complete the following pattern with the next 3 terms:
- 51, 48, _____, _____, _____
- 10, 18, _____, _____, _____

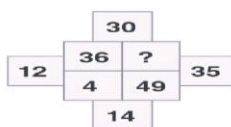
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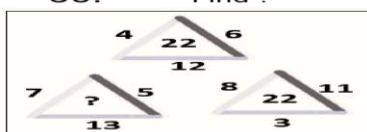
48. What is the missing number in the following puzzle?



49. What can be added in place of a question mark?



50. Find ?



PROJECT WORK:

1. Make a working model on integers on the card board. (Roll no. 1 – 5)
2. Google the 'name of the MATHEMATICIANS WHO HAVE GOT THE NOBLE PRIZE.' Write the name of 5 MATHEMATICIANS from the list and also mention the work for which they have got the noble prize along with their pictures on A 3 size sheet. (Roll no. 6-10)
3. Write all properties of ADDITION and MULTIPLICATIONS on A 4 size sheet in decorative way. (Roll no. 11-15)
4. Project Topic: "Fractions in Daily Life" Project Type: Individual

Objective: To help students understand the practical use of fractions in real life situations through observation, data collection, and presentation. Instructions:

A. Choose any 3 real-life situations where fractions are used. For example: • Cooking or recipes (e.g., $\frac{1}{2}$ cup of sugar, $\frac{3}{4}$ teaspoon of salt)

- Time (e.g., quarter past, half an hour)
- Money or shopping discounts (e.g., $\frac{1}{2}$ price, $\frac{1}{3}$ off)
- Sports (e.g., batting average, scoring fractions in gymnastics)

B. Represent each situation using proper and improper fractions or mixed numbers.

C. Include diagrams, pictures, or cut-outs to make your project creative and presentable.

D Show simplification of fractions, comparison, or conversion to decimals wherever applicable.

E. Submit the project in a scrapbook or chart format, with neat headings and explanations.

Learning Outcome: Students will understand the application of fractions beyond textbooks and relate mathematical concepts to everyday life. (Roll no. 16-20)

5. Prepare a project on 'DATA HANDLING'. Explain in detail BAR GRAPH, DOUBLE BAR GRAPH and PICTO GRAPH along with examples on A 4 size coloured sheet. (Roll no. 21- 24)

5. Prepare a ART INTEGRATED PROJECT on the topic 'ANCIENT TOYS AND GAMES OF HARYANA'. (FOR ALL STUDENTS)

SCIENCE

Outdoor Activity: Choose a spot in your backyard or garden where you can make a compost pile or use a compost bin. With the help of your elders (Parents or grandparents) prepare the compost in your home & identify the change (Physical or chemical) involved. Write the steps followed along with pictures clicked by phone in a scrap book or colored sheets. (Refer to pg. no. 99 of your book for this activity).

TASK - 1

Working Model: Prepare a working model on following topics:

Roll No. 1 to 4 – Water Filter, Roll No. 5 to 8 – Electromagnet, Roll No. 9 to 12 – Electric Bell, Roll No. 13 to 16 – Newton's Disc, Roll No. 17 to 20 – Astronaut table lamp, Roll No. 21 to 25 – Volcano Eruption.

TASK - 2

ART INTEGRATED PROJECT: To study any 2 ancient toy and games like Gilli - Danda, Kite flying, spinning top etc. of your Haryana and explore the scientific principles behind these toys on the following basis:

- Study the nature of material used in these games.
- Understand the science behind these games (nature of force, wind pressure, rotational motion, elastic collision etc.)
- Make a comparison between traditional toys and modern electronic toys on the basis of your research.
- Use pitchers or draw scenes of children playing these games and decorate with vibrant colors.
- Prepare a model of any one game by using eco-friendly material.

Instructions:

- Use colored A4 size sheets to write contents.
- Begin with acknowledgement and brief introduction with the title of game.
- Add pictures with brief descriptions of science behind these games.
- 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. 33 to 37 in book with pencil.
- Write the given 12 In text Ques/Ans in your science file.
- Draw the given diagrams (Human digestive system, structure of a tooth, taste buds on the tongue, liver & pancreas, ruminant, nutrition in amoeba, stomach & table 2.1) of chapter - 2 in your file.

Intext Ques/Ans:

1. What do you mean by holozoic mode of nutrition? Explain the steps involved in this mode of nutrition.
2. Differentiate between milk teeth and permanent teeth.
3. What is dental plaque? How it damage the tooth enamel? What will happen if it is not treated in time?
4. What are the functions of teeth and tongue in buccal cavity?
5. How will you study the action of saliva on food? Explain with the help of an activity.
6. What is the location of gastric gland? What are its secretions? Write functions of each secretion.
7. How small intestine is designed to absorb digested food? Explain with diagram.
8. What is the secretion of liver? Where it is stored? What are its functions?
9. What is diarrhoea? What are its causes and preventions?
10. Explain the nutrition in amoeba with the help of a diagram.
11. Name the carbohydrate that is digested by ruminants. Explain the process with the help of a flow chart.
12. What are the final products of proteins, carbohydrate and fats? Where and how its complete digestion takes place?

TASK - 4

Learning Work: Revise the PT – 2 explained syllabus.

Social Science

1. Art Integrated Project

Topic: "Ancient Toys and Games of Haryana" under these headlines

- * Name of the toys
- * Pictures of the toys
- * Educational Values
- * History and Culture

2. Research any five Indian women achievers Make their collage and write about their achievements on A3 size sheet.

3. Write daily temperature and observe daily growth of plant and write on A3 size sheet.

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

A) Ch:-8 New kings and kingdoms (History)

B) Ch:-15 Equality and Democracy (civics)

SANSKRIT

1. ग्रीष्मकालीन- संस्कृत -गृहकार्य

पृष्ठ संख्या 30-33 पर दिए गए प्रश्नपत्र को पाठ्य-पुस्तक में ही पूरा करें।

2. अपने प्रिय पक्षी का चित्र बनाएँ और लिखें कि आपने उसके लिए इस भीषण गर्मी में जल की व्यवस्था किस प्रकार की है।

INFORMATION TECHNOLOGY

Theme: Charts in Excel

- Open MS Excel and enter the following data:
- Flavor • No. of Students
- Chocolate • 20
- Vanilla • 15
- Strawberry • 10
- Mango • 12
- Butterscotch • 8

► Make a Bar Chart

- Give the chart a title: “Favorite Ice Cream Flavors”
- Label the axes:
- X-axis: Flavor
- Y-axis: Number of Students

► Create a Pie Chart

- Use the same data to create a Pie Chart.
- Add Data Labels to show percentages.
- Use different colors for each flavor.

► Formatting Tasks:

- Use bold fonts for the title.
- Add a border around the chart area.
- Make the chart look neat and colorful.
- Use a light background color for the Excel sheet.
- Save your file as: YourName_ExcelChartsHomework.xls

► Make Power Point Presentation about the importance of keeping your passwords safe.

ART AND CRAFT

Of page no 13, 15, 18, 29, 31, 32 in art book. Page no 37, 39 draw in sketch file. Draw 3 sketching in sketch file.

Craft--Shoebox Diorama. Materials - shoebox, waste paper, straw, small toys.

Skill developed - story building, 3d spatial thinking.

Gk

- Do learn done pages in class

Happy Holidays and Best Wishes!