



*Happy
summer
holidays!*

Summer break is all about having fun, eating fresh and juicy fruits, enjoying popsicles, going on trips, and loads of love from family but don't forget to brush up your skills and revise your lesson.

GUIDELINES –

- ✓ The holiday homework should be done as specified by the subject teacher.
- ✓ Manage your time in such way that a little work is done every day to avoid piling it for the last moment.
- ✓ Collect the materials required for the activities in advance.
- ✓ Enjoy the activities so that the work becomes fun.

ENGLISH

General Instructions:

- All the students are supposed to do the given assignment and activity adhering to the specific instructions given for each.
 - Use your creativity to make your activity visually engaging by adding captions, phrases, idioms, pictures and colours.
1. Solve Practice Worksheet 1 (from worksheet booklet) in your literature notebook.
 2. Based on the novel ***THE ONE AND ONLY BOB***, write a character sketch on any character of your choice from the novel.
 - Do it on A3 size sheet. (Paste or draw pictures)
 -

3. Create a DIY project, blog post based on one of the following themes:

Character Sketch (example)

Name: Bob

Species: Dog (a small, scrappy mutt – likely a mix of Chihuahua and terrier)

Personality Traits:

- **Witty and Sarcastic:** Bob is known for his sharp sense of humor and sarcastic remarks. He often uses humor to mask his vulnerability.
 - **Tough but Loyal:** On the outside, Bob acts tough and independent, often claiming he doesn't need anyone. But deep down, he's incredibly loyal to his friends, especially Ivan (the gorilla) and Ruby (the elephant).
 - **Brave and Resourceful:** Despite being small and often afraid, Bob shows immense bravery, especially when he goes on a journey to rescue his long-lost sister, Boss.
 - **Protective and Kind-hearted:** He might act selfish or aloof at times, but Bob deeply cares about the animals and people he considers family.
- **Roll no 1-10-** Plan a small family celebration or event (e.g., birthday, anniversary, farewell). Include details like theme, decorations, food, and budget planning.
 - **Roll no 10-20-** Design and demonstrate a holiday-themed craft or decor idea using easily available or recycled materials.
 - **Roll no 20- till the last-** Share two original or family-favorite recipes, including step-by-step instructions and any cultural significance they may have.

Instructions:

For blogs, submit as a printed document or digital file (PDF or Google Doc)..

For DIY, include clear photos of the steps with a brief write-up.

HINDI

1. कृष्ण की चेतावनी कविता की प्रतिदिन चार पंक्तियां याद करें और सुलेख के रूप में सुंदर और स्पष्ट शब्दों में लिखिए। (10 पृष्ठ)
2. “हिंदी साहित्य के अनमोल रत्न ‘राष्ट्रकवि रामधारी सिंह दिनकर’ की ‘रश्मिरथी’ काव्य कृति को भगवद्गीता के रूप में माना जाता है और इसमें भारतीय इतिहास में हुए सबसे बड़े युद्ध महाभारत और इस युग के कर्ण के जीवन के बारे में उल्लेखित किया गया है।”

वर्षों तक वन में घूम-घूम, बाधा-विघ्नों को चूम-चूम,
सह धूप-घाम, पानी-पत्थर, पांडव आये कुछ और निखर।
सौभाग्य न सब दिन सोता है, देखें, आगे क्या होता है।
मैत्री की राह बताने को, सबको सुमार्ग पर लाने को,
दुर्योधन को समझाने को, भीषण विध्वंस बचाने को,
भगवान् हस्तिनापुर आये, पांडव का संदेश लाये।
‘दो न्याय अगर तो आधा दो, पर, इसमें भी यदि बाधा हो,
तो दे दो केवल पाँच ग्राम, रक्खो अपनी धरती तमाम।
हम वहीं खुशी से खायेंगे, परिजन पर असि न उठायेंगे!
दुर्योधन वह भी दे ना सका, आशीष समाज की ले न सका,
उलटे, हरि को बाँधने चला, जो था असाध्य, साधने चला।
जब नाश मनुज पर छाता है, पहले विवेक मर जाता है।
हरि ने भीषण हुंकार किया, अपना स्वरूप-विस्तार किया,
डगमग-डगमग दिग्गज डोले, भगवान् कुपित होकर बोले-
‘जंजीर बढ़ा कर साध मुझे, हाँ, हाँ दुर्योधन! बाँध मुझे।

- ❖ कृष्ण की चेतावनी कविता को याद कीजिए और विद्यालय की वेशभूषा पहनकर अपना परिचय देते हुए एक वीडियो बनाइए और अपनी हिंदी अध्यापिका को साझा कीजिए।

3. देशभक्ति पर आधारित स्वरचित कविता (8-10 पंक्तियां) लिखिए।

4. उचित प्रारूप में अनौपचारिक पत्र लिखिए -

- ❖ अपने मित्र को गर्मी की छुट्टियों का विवरण देते हुए पत्र लिखिए।

अनौपचारिक पत्र का प्रारूप

परीक्षा भवन ← (पत्र भेजने वाले का पता)

दिल्ली

19 अप्रैल, 20.... ← (पत्र लिखने की तिथि)

प्रिय / आदरणीय ← (संबोधन)

सस्नेह / सादर प्रणाम ← (अभिवादन)

..... } (पहला अनुच्छेद)
..... } कुशल मंगल

..... } (दूसरा अनुच्छेद)
..... } विषय विस्तार

बड़ों को प्रणाम और छोटों को प्यार। (समापन शब्द)

तुम्हारा / आपका (संबंध)

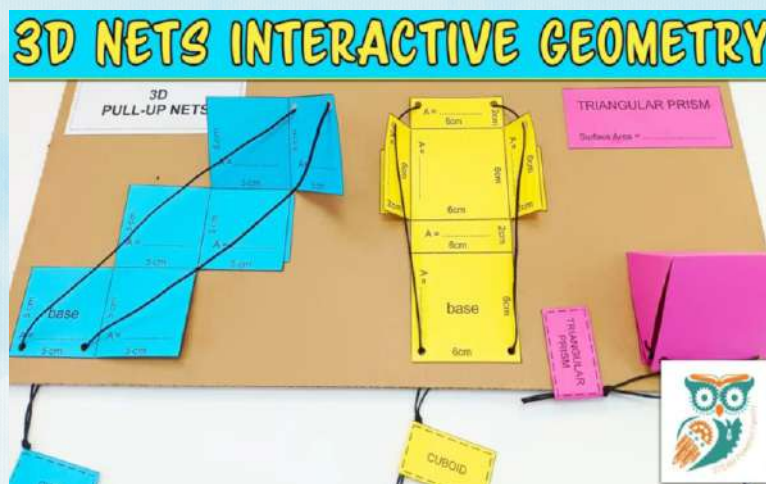
क.ख.ग. (आपका नाम)

MATHEMATICS

1. Learn tables from 2 to 20 thoroughly for Internal Assessment after summer break.
2. Let's make Mathematics fun and hands-on! *Create a working model* based on the roll numbers assigned to you. Be creative and ensure your model clearly shows the concept. You may use easily available materials like cardboard, colour papers, sticks, buttons, etc.

(Note: Pictures are given only for your references. You can use your own innovative ideas to create your model.)

- **Roll Numbers 1–14:** Create Working Model of Nets of 3D Shapes
(Your model should include 5-6 different 3D figures neatly assembled on a single cardboard base. Make sure your shapes are properly labeled and neatly arranged.)



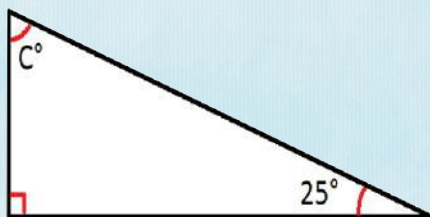
- **Roll Numbers 15–28:** Create a Working Model of an Integer Board
(Show positive and negative integers on a number line. Also show position of natural numbers and whole numbers on the integer board. You may use pegs, beads, or sliders to mark values. Your pointer must slide to both the directions.)



3. Complete the following Mental Math worksheet on separate A4 sheets. Staple them together to make a booklet and decorate the cover page with the title 'Holiday Homework', your name and class.
 1. Make the smallest 5-digit odd number using digits 4, 2, 3, 1, 7 only once.
 2. A Regular hexagon has a perimeter of 48 cm. What is the length of each side of the hexagon?
 3. If $66 \times 12 = 792$, then find the value of 660×120 .
 4. An ant is at number 5 on the number line. If it moves 3 numbers on the right and then 8 numbers on the left, then at which number on the number line is the ant now?
 5. Find the Roman numeral for the greatest 3- digit number.
 6. Fill in the missing percentage below:
_____ % of 100 = 25
 7. Round off the given numbers to the nearest tens, hundreds and thousands:

| Given number | Tens | Hundreds | Thousands |
|--------------|------|----------|-----------|
| 75847 | | | |
| 87544 | | | |
| 98765 | | | |
| 76893 | | | |

8. How many whole numbers are there between 1018 and 1203?
9. Find is the missing angle.



10. Evaluate using suitable properties of whole numbers:

- a) $825 \times 25 \times 40$
- b) $67 + 233 + 70$
- c) $1962 + 453 + 1538 + 647$
- d) $22756 \times 145 - 22756 \times 45$
- e) 437×99

11. Simplify $36 \div [5 + \{4 \times 5 \div 2\}]$

12. Which two numbers have a sum of 14 and a product of 45?

13. Which least number should be subtracted from 999 so that the new number is exactly divided by 33?

14. What least number must be added to 2056 to get a number exactly divisible by 34?

15. If the cost of one bat is ₹500 and one ball is ₹50, then find the cost of 40 bats and 40 balls.

16. Determine all the factors of 28. Also verify if 28 is a perfect number.

17. Find the first five multiples of 25.

18. Find the sum of the third multiple of 12 and fifth multiple of 15.

19. Assertion (A) – The factors of 16 are 1, 2, 4, 8.

Reason (R) – Every factor is less than or equal to the given number.

- a) Both A and R are true and R is the correct explanation of A
- b) Both A and R are true but R is not the correct explanation of A
- c) A is true but R is false
- d) A is false but R is true

20. Check the divisibility of 1088 by the following numbers:

- a) 9 b) 11 c) 8 d) 6 e) 5

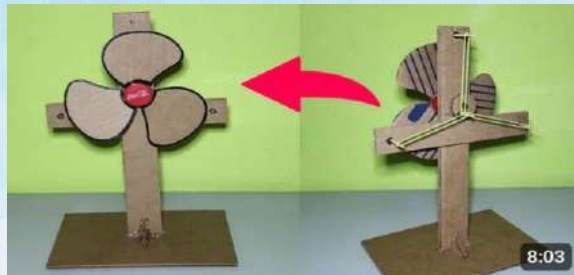
SCIENCE

1) Make a model of given topic according to your roll numbers-

Roll no -1 to 9----Magnetic swing



Roll no -10 to 19---working model of table fan using card board



Roll no -20 to 29-----waste water treatment plant



- 2) The weather is changing daily suddenly. So, make a power point presentation on direct, indirect, and social effects of the Weather Change on health and well-being of living beings.
- 3) (List down the causes, impact and preventive measures related to this phenomenon along with photographs)
- 4) Complete work sheet of chap -Materials around us

| | | |
|--|--|---|
| | SECTION –A (1×5=5) | |
| Q1. | What is classification? | 1 |
| Q2. | Why iron rod used in construction does not shine? | 1 |
| Q3 | Mention any two materials which float on water. | 1 |
| <p>Directions: Questions 4 and 5 contain two statements, Assertion and Reason. Each of these questions also has four alternative choices, only one of which is the correct answer. You must select one of the codes (a), (b), (c) and (d) given below.</p> <p>(a) Assertion is true, reason is correct; reason is a correct explanation for assertion. (b) Assertion is true, reason is correct; reason is not a correct explanation for assertion (c) Assertion is true, reason is false (d) Assertion is false, reason true.</p> | | |
| Q4. | Assertion (A): Property of material to dissolve in water is called soluble Reason (R): Salt and sugar are soluble in water | 1 |
| Q5 | Assertion (A): Light bulb is made up of glass which is transparent Reason (R): A light bulb is made of glass as it is opaque | 1 |
| | SECTION – B (2×3=6) | |
| Q6. | (a) How sugar dissolves in water? (b) What is difference between miscible and immiscible liquids? | 2 |
| Q7 | Differentiate lustrous and non lustrous materials. Give examples also. | 2 |
| Q8. | (a) You want to take a tumbler on a picnic. You want to crush and throw away the tumbler after use. Name two materials from which such a tumbler can be made. Explain (b)What do you mean by texture ? | 2 |
| | SECTION – C (3×3=9) | |
| Q9 | (a) What is smallest particle of an element? (b) What are uses of materials which float on water (c) Name two materials which float on water? OR (a) What is the importance of oxygen gas dissolved in water? (b) Why water is considered matter? (c) Which is heavier 1L of sand or 1L of water? | 3 |
| Q10. | (a)Why conductors are considered good for making wires? (b)Write one example each of magnetic and non magnetic substances (c) How can you differentiate between homogeneous and heterogeneous substances? | 3 |
| Q11. | (a) Why we need to group different materials? (b) Why is wood most suitable for making a table? (c) Can a cricket ball be used to play tennis? | 3 |

SST

1. Creative corner-

Make a project on any one civilization covering the following features each on different A4 sheet

- features
- culture
- reasons for development
- art and craft
- Trade
- religion/temples
- architecture/structures
- Coins and seals
- pottery
- sites/cities/town/rivers
- Script etc

Note: Paste at least 5 relevant pictures on your chart paper.

Choose any one among the given civilizations:

- Indus Valley Civilisation
 - Mesopotamia civilization
 - Chinese Civilisation
 - Ancient Egyptian civilization
- Reference images attached

2. Do the Geography Ch-2 worksheet -Latitude and Longitude in the notebook.

3. Map work- Mark the natural vegetation of India in the Physical Map of India and paste in your notebook. (Note- Refer Geography Ch-10 for the same).



COMPUTER

1. Using PowerPoint, create an animated video on any topic or a story.

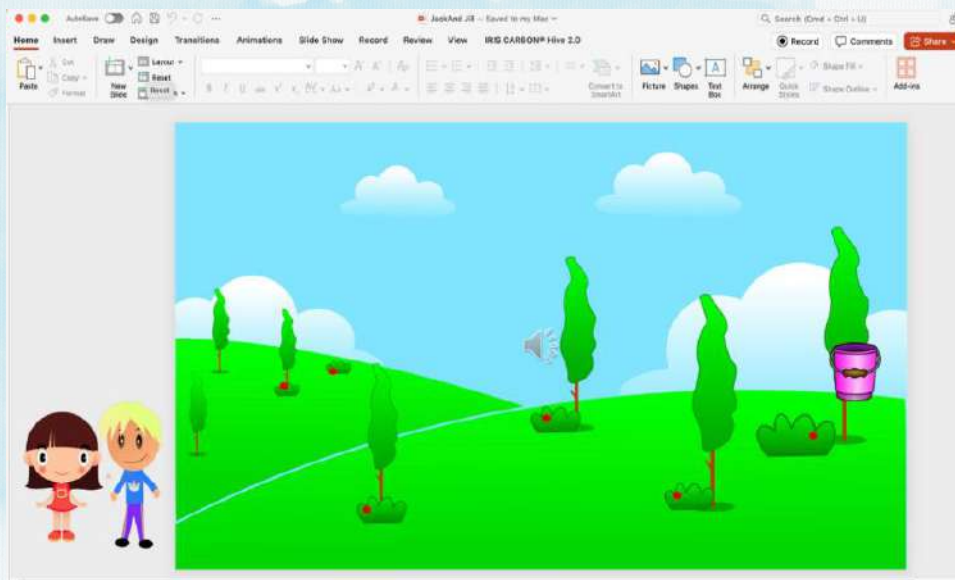
Apply Animation Effects like Motion Paths

Apply Transitions

Insert Sound clips

Insert Video clips

Use Action Buttons



Convert the animated presentation into video file by clicking on
File → Export → Create a Video



2. Complete Worksheet 3 : Fun with PowerPoint from your Worksheet Booklet in notebooks.
3. Create a Photo album on the given topic.

Topic “My Dream Vacation”

Slide1: Destination photo with a brief description.

Slide2: Places to visit-landmarks and attractions images

Slide3: Local food pictures of dishes to try

Slide4: Activities- photos of potential activities (swimming, hiking etc.)

Submission Instructions:

Kindly share the holiday homework with the respective teachers. Their email addresses are listed below.

- Section A, F: kp.payalgupta@asterinstitutions.com
- Section C, D, E: kp.sayanimitra@asterinstitutions.com
- Section B: kp.aanchalbansal@asterinstitutions.com

FRENCH

French Cuisine FR

Make a small project (on A4 sheets) about 3 famous French foods. These can be cheeses, pastries, or other French dishes.

For Each Food, Include:

1. Name (in English and French)
2. Picture (draw or paste)
3. Ingredients (simple list)
4. How it's made (in 2–3 easy steps)
5. One fun fact (like when or where it's eaten)

Be Creative:

- Use colors and drawings
- You can decorate with French symbols like the Eiffel Tower or French flag.
- Use both English and some French words.

GERMAN

| | | |
|-----|---|--|
| F1. | <p style="text-align: center;">Familienstammbaum</p> <p>Wie heißen die Töchter von Herbert?</p> <p>Wie heißt der Schwiegersohn von Isolde?</p> <p>Wie heißt die Großmutter von Renate?</p> <p>Wie heißt der Enkel von Isolde?</p> <p>Wie heißen die Tanten von Michaela?</p> <p>Wie heißt der Schwiegervater von Daniel?</p> <p>Wie heißen die Schwestern von Michael?</p> <p>Wie heißt der Ehemann von Veronika?</p> <p>Wie heißt der Bruder von Renate?</p> <p>Wie heißen die Enkelinnen von Herbert?</p> <p>Wie heißt der Schwager von Melanie?</p> <p>Wie heißt der Vater von Michael?</p> <p>Wie heißen die Schwägerinnen von Daniel?</p> | |
| F2. | <p>Wie viele? Schreib auf Deutsch</p> <p>35+12 _____</p> <p>17- 10 _____</p> <p>18- 4 _____</p> <p>12 x 3 _____</p> <p>14 ÷ 7 _____</p> | |
| F3. | <p>Schreib die Zahlen auf Deutsch</p> <p>99 _____</p> <p>23 _____</p> <p>100 _____</p> <p>17 _____</p> <p>56 _____</p> | |

F4. Explain family members on a chart paper and write their relation below their picture.
For example:



SANSKRIT

विषय:- संस्कृत

अस्माकं विद्यालयः

अयम् अस्माकं विद्यालयः अस्ति । अस्माकं विद्यालयस्य नाम _____ विद्यालय अस्ति । मम विद्यालयः एकः आदर्शः विद्यालयः अस्ति । मम विद्यालयस्य भवनम् अति मनोहरम् अस्ति । मम विद्यालये एक शतम् अध्यापकाः सन्ति । सर्वे शिक्षकाः कर्तव्यनिष्ठाः समयपालकाः च सन्ति । अस्माकम् विद्यालये एकः सहस्र छात्राः सन्ति ।

1. अस्माकम् विद्यालयः - अनुच्छेद अपनी कॉपी में लिखिए तथा याद कीजिए।
2. अपने पाठ्य पुस्तक में से कोई दो प्रार्थना याद कीजिए ।
3. पाठ -1-2 के अभ्यास प्रश्नों का अभ्यास कीजिए तथा कार्य पूर्ण कीजिए ।
4. प्रतिदिन पाँच वाक्य संस्कृत में लिखने का अभ्यास कीजिए ।

ART

"Art is the journey of a free soul. Art helps us see the world differently."

This holiday homework is a chance to experiment, reflect, and create the works that speak your thoughts. These holiday activities will take you through new styles and ideas. These activities will help you explore shapes, colors, and creativity while having fun. Let your imagination guide your hands!"

1. Drawing - Madhubani Painting
2. Craft - Newspaper Craft

Please find the detailed Holiday Homework and activity instructions in the PDF linked below. Make sure to follow the guidelines and enjoy the creative process!

[Click on the link to view/download the Holiday Homework PDF]

https://drive.google.com/file/d/1bRIYa6ex3q5jQADR7hvaNnewGeYyqljp/view?usp=drive_link

ROBOTICS

Sweeper Bot Using Waste Materials

Materials: Waste/Recycled:

- Plastic bottle (body/chassis)
- Ice cream sticks or old CDs (for base or brush arms)
- Bottle caps or toy wheels
- Toothbrush heads or small broom bristles
- Rubber bands, glue, tape

Electronic Components:

- 2 x DC motors with wheels (can be taken from broken toys)
- 1 x Switches