



ENGLISH

HELP ANIMALS STAY HYDRATED

The sun is getting hotter, and just like us, animals can get really thirsty too! To help out our furry and feathered friends, you must place a shallow bowl filled with water outside your house, on a porch, balcony, or in your yard.

Click a picture and send it to the respective Grade In charge.

1. Reading

"The world belongs to those who read."

Make the best use of summer vacation and read the extra reading book, "The Magic of the Lost Temple" by Sudha Murty.

Answer the following on A4 sheets:

- a. Write a summary of the story in 150-200 words on A4 sheets.
- b. Write about the biography of Sudha Murty and her famous works.
- 2. Create a Newspaper:

Create a newspaper consisting of at least 4 pages. Include various sections such as News, Features, Sports and Arts and Entertainment.

Each section should have at least one article or feature. Use a mixture of text, images and headlines to make the newspaper visually appealing

3. My Virtual Adventure

Objective: Create a digital story using any multimedia tool (such as PowerPoint, Google Slides, or a simple video editor) to narrate an exciting adventure set in a virtual world.

Instructions:

- Develop a plot with interesting characters, challenges, and a resolution.
- Incorporate descriptive language and dialogue to engage the audience.
- Use relevant images, animations, and transitions.
- Highlight the importance of responsible technology use







MATHEMATICS

" For the things of this world cannot be made known without a knowledge of Mathematics" - Roger Bacon General Instructions:

- Part A is the project.
- Part B is the revision sheet, which is recapitulation of the work which has been done so far.
- Do the revision worksheet in the Mathematics notebook.
- Attempt all the questions neatly and in serial order.

Part A Project Work

• Use A3 Size Paper (or join two A-4 Sheets)

Do any One

1. Geometry Art Project

In this project, students can create geometric art using shapes, lines, and angles. They can draw their art by hand or use computer software to create digital art.

Materials:

- Paper
- Pencil
- Ruler
- Compass
- Coloured pencils or makers

Instructions:

Start by drawing a large geometric shape on your paper, such as triangle, square or hexagon. Use your ruler and compass to make sure the sides are straight and angles are accurate.

Divide the shape into smaller geometric shapes, such as triangles, rectangles or parallelograms. You can do this by drawing lines from one corner to another or by bisecting the sides with a ruler and compass.

Choose a colour for each smaller shape and fill it in with coloured pencils or markers. You can use different colours for each shape or use shades of the same colour to create a gradient effect.

Repeat this process for each smaller shape within the larger shape. You can choose to fill in all the shapes or leave some blank to create a more abstract design.

Once you have filled in all the shapes, you can add details or patterns to each one using coloured pencils or markers. You can also add shading or highlights to create a three-dimensional effect.

Finally, you can mount your finished artwork on a colourful background, such as construction paper or cardstock and display it in classroom.





2. Math Puzzles and Games

Students can create math puzzles and games that challenge their classmates to use their problem-solving skills. They can create crosswords, Sudoku or math board games.

Materials:

- Paper
- Pencil
- Coloured pencils or markers
- Ruler
- Compass

Instructions:

Start by researching different types of math puzzles and games, such as crossword puzzles, sudoku, math riddles and logic puzzles.

Choose one or more types of puzzles or games to create for your project. For example you can create a crossword puzzle that focuses on math vocabulary or a sudoku puzzle that uses multiplication and division.

Use a pencil to create a draft of your puzzle or game on paper. You can use graph paper to help you create neat and organized puzzles.

Once you have a draft, use coloured pencils or markers to create a final version of your puzzle or game. You can also use computer to create a digital version of your puzzle or game using software like Microsoft Excel or Google sheets.

Test your puzzle or game to make sure it is challenging but not too difficult. You can ask your classmates or friends to test it out and give you feedback.

Finally, create a presentation to showcase your puzzle or game. You can create a PowerPoint presentation or a poster that includes instructions and examples of how to play.

Part B Worksheet

Q1. Fill in the blanks:

i) If the product of two whole numbers id zero then _____of them will be zero.

ii) Every natural number except _____has a predecessor.

iii) If we add the number ____ ____to the collection of natural numbers, we get the collection of whole numbers

iv) Place value of 7 in "3627992" is _____

v) Expanded form of 3920671 is _

- vi) Number name of 63728729 in Indian system of numeration is
- vii) Number name of 782678926 in International system of numeration is

viii) _ _____is the smallest whole number.

ix) Whole numbers are closed under and

x) Division by ______ is not defined.
xi) If we add ______ to a number, we get its successor.

2. Multiple Choice Questions:

i) The greatest among the numbers 4536, 4892, 4370, 4452 is_____





A. 4452	B. 4536	C. 4892	D. 4370
ii) The greatest 4 – di	git number that can be fo	ormed by using the num	bers 8, 0, 5 (any one digit twice) i
A. 8805	B. 8850	C. 8550	D. 8005
iii) The smallest 8 – d	ligit number is called		
A. One lakh	B. One crore	C. One million	D. Ten million
iv) The numeral for S	Seven lakh thirty four the	ousand five hundred for	ty three is
A. 734543	B. 743543	C. 754334	D. 743354
v) One thousand =	tens		
A. 10	B.100	C.1000	D. 10000
vi) Which is the addit	tive identity of whole nur	mbers?	
A. 1	B. 0	C1	D. –1
vii) Which of these is	the factor of 50.		
A. 10	B. 3	C. 7	D. 6
viii) What is the Sixth	n multiple of 13?		
A. 78	B. 65	C. 52	D. 91
ix) Which of them is	a prime number?		
A. 13	B. 14	C. 28	D. 25
x) Which of them is a	composite number?		
A. 45	B. 11	C. 31	D. 13
xi) The number of mu	ultiples of a given numbe	er is	
A. 10	B. 100	C. 1000	D. infinite
xii) A number for wh	ich sum of all its factors	is equal to twice numbe	r is called
A.Odd number	B.Perfect number	C.Prime number	D.Even number
xiii) The numbers hav	ving two factors are calle	d	
A. Even	B.Composite	C.Odd	D.Prime
xiv) The numbers hav	ving more than two facto	rs are called	
A.Prime numbers	B.Odd numbers	C.Even numbers	D.Composite numbers
xv) Which number is	neither prime nor compo	osite?	
A.3	B.1	C.0	D.2
xvi) The multiple of 2	2 are also called		
A.Composite number	s B.Prime numbers	C.Odd numbers	D.Even numbers

Q3. Medicine is packed in boxes, each weighing 5kg 600g. How many such boxes can be loaded in a van which cannot carry beyond 260kg?

Q4. A student multiplied 1234 by 67 instead of multiplying by 76. By how much was his answer lesser than the correct answer.



Q5. Sunny is a famous cricket player. He has so far scored 8932 runs in test matches. He wishes to complete 10,000 runs. How many more runs does he need?

Q6. Starting from the smallest 9 digit number, write the next five numbers in the ascending order.

Q7. Write the predecessor for the following numbers:

i) 72731731 ii) 3932802201 Q8. Write the successor for the following numbers:

i) 32891210 ii) 98752122

Q9. If you are on a diet and have a breakfast containing 150 calories, a lunch consisting of 350 calories, and a dinner consisting of 1000 calories, then find the sum of the calories consumed that day.

Q10. At a certain school each classroom contains 32 students. How many classrooms will you need for 384 students?

Q11. You are traveling at a constant speed of 55 miles per hour. How long will it take to travel 220 miles?

Q12. The difference between two numbers is 9378263. If the smaller number is 527718, find the greater number.

Q13. The mass of a cylinder filled with gas is 30kg 250g and the mass of the empty cylinder is 14kg 480g. How much is the mass of the gas contained in it?

SCIENCE

A. Write the answers of the questions given below:

1. Why do boiled seeds fail to sprout?

2. List two of your favourite food items and mention their ingredients.

3. Suggest some common ways to avoid food wastage.

4. You are the manager of the restaurant, make a list of healthy food items you would serve in dinner.

5. Unscramble the following words related to components of food and write them in the space provided



6. Ram was having difficulty seeing things in dim light. The doctor tested his eyesight and prescribed a particular vitamin supplement. He also advised him to include a few food items in his diet.

(a) Which deficiency disease is he suffering from?

(b) Which food component may be lacking in his diet?

(c) Suggest some food items that he should include in his diet. (any four)





B. Activity

Prepare a diet chart by collecting information about what your family members eat at different times of the day. (Mention their name, age and food items eaten- in breakfast, lunch and dinner. Also paste their passport size photo.

C. Do any one

1. Think Green Go Green

Prepare a Science Magazine on the theme "Environment". Use coloured sheets to make your holiday homework in a science magazine. Make a nice cover. Use your imagination and creativity. The content should be 4-5 pages only.

Some of things that you could put in the magazine are:

a. Information about one famous environmentalist, his / her picture, and information about his/her work.

b. (2-3) News clippings and articles about the environment.

c. Some (3-4) amazing / interesting facts.

d. Puzzles/riddles/jokes/thoughts about the environment.

e. Write Information about pollution in the river Yamuna/Ganga or any other polluted place near your house. What are the causes of pollution in the above rivers? How can we keep it clean?

f. Write 5 things that you must keep in mind to keep the environment clean. Give your magazine a suitable title.

2. BE A NUTRITIONIST

Your gut health impacts more than just digestion; it influences your immune system, mood, and even skin health. Prioritise fibre-rich foods, stay hydrated, and manage stress to support a thriving gut ecosystem. Design an interesting board game on gut health.







STEAM ACTIVITY for Grade VI to VIII

Activity:- Rubber Band Car / Balloon Buggy Challenge

Objective:

Explore concepts of energy, motion, and friction by building a simple car powered by either a rubber band or a balloon.

Choose one of the following to make at home:

Rubber Band Car/ Balloon Buggy

- 1. Use recyclable or craft materials to build your car.
- 2. No motor or electric parts should be used.
- 3. Test your car on a flat surface at home and measure the distance it travels in a straight line.
- 4. Record a short video showing:

How the car works. and measure the distance it travels

5. Bring your car model to school for a fun competition!

The car that travels the longest distance on the flat surface will be awarded.

Note: This activity helps you learn about:

Kinetic and potential energy

Air pressure or elastic force

Friction and motion.

https://youtube.com/shorts/HupOdYPT9PQ?si=HFqSosh5to_mqKvI

https://youtu.be/8kf2_6u4IgY?si=N1LTpTcaueohRH8a

https://www.youtube.com/watch?v=f22hAgv6XWO&list=PL1BVuTSjOrcl90xJhFZxj18p3vdbVoh2p







SOCIAL SCIENCE

Project Title: "Diversity Through the Lens of India"

Objective: To explore and understand the rich diversity of India through the lens of people, culture, religion, languages, festivals, and economic backgrounds, while also promoting a sense of unity in this diversity.

Instructions:

Create a "Human Diversity Photo Journal"

Step 1 : Imagine you're a cultural photographer traveling through India. Your goal is to capture the essence of India's diversity in 5 unique photos (you can draw, print, or create through digital media). For each of the 5 photos, include:

- The Location (Name of the place, state, or region in India)
- Description of the People What are their customs, clothing, and cultural practices?
- Religious and Social Aspects How do religion and social structures impact their life? What are their beliefs and practices? (For example, Diwali celebrations, Eid prayers, or rural life in Himachal Pradesh)
- Food and Festival Showcase one traditional food or festival. Why is it special to that region?
- Unity in Diversity How do people from different backgrounds live together in that region?

Step 2: Write a Story on "Unity in Diversity" (own story)

• Write a short story (around 100-150 words) that showcases how different people from various backgrounds live together in India, celebrating their differences while working towards a common goal. The story can be fictional, but it should reflect India's true spirit of unity in diversity.

For example, the story could involve:

- A village where people of different religions celebrate their festivals together.
- A city where people from different states share food, language, and customs, forming a close-knit community.

Tip: This project can be done digitally (by collecting photos) or through drawings for those who love art!







2. Homework: Early Humans - A New Life!

Choose **ONE** of the activities below to complete. Make sure to use information we learned about early farmers, herders, agriculture, tools, the wheel, pottery, settlements, and religious practices/ornaments.

Option 1: My Neolithic Diary

Task: Imagine you are a young person living in an early farming village. Write 7 days diary entries about your life.

What to include:

- 1. Your Name: (e.g., "Anya, the Potter" or "Raj, the Animal Keeper")
- 2. Daily Life: Describe at least two different activities you do in the village (like farming, caring for animals, making tools, cooking, building, or praying).
- New Inventions: Mention how at least one invention (like pottery or the wheel) or new practice (like agriculture or animal herding) makes your life easier or different.
- 4. Your Home: Briefly describe your settlement or house.
- A Special Moment: Include a small detail about a religious belief or a special ornament you or someone else made.

Add pictures accordingly with the content like animal pictures your tools what kind of cookware you are using what type of wheel you are using your house either by drawing or digital print.

Option 2: Neolithic Exhibit Card

Task: Choose TWO important inventions or changes from early farming and herding times. Create a "museum exhibit card" for each one.

What to include for EACH card:

- Invention/Change: Write the name (e.g., "Polished Stone Tools," "Domestication of Sheep," "The Pottery Wheel," "Early Farming").
- 2. Drawing: Draw a clear picture of it.
- 3. Purpose: Write one sentence explaining what it was used for.
- 4. Impact: Write one sentence explaining why it was important or how it changed life.
- Bonus (for religious objects/ornaments): If you choose an ornament or religious item, explain what it might have meant.

How to present: Use two separate sheets of paper or a single sheet divided in half. Make your drawings big and clear!





HINDI -

1-भारतीय फलो पर आधारित एक आकर्षण सचित्र परियोजना पुस्तिका बनाइए I

2-पशु पक्षियों को हानि न पहुंचे और उनकी रक्षा करने की प्रेरणा देते हुए एक आकर्षण विज्ञान A4 size sheet पर तैयार कीजिए |













