CLASS VIII

HINDI:

1.बस की यात्रा अथवा लाख की चूड़ियाँ पाठ का काव्य रूपांतरण (प्रोजेक्ट पेपर पर) 2.अपने दादी/नानी या परिवार के किसी बड़े-बुजुर्ग से एक लोककथा सुनें। उसे अपनी भाषा में लिखें और साथ में एक चित्र बनाएं।(प्रॉजेक्ट पेपर पर)

3.परियोजना से जुड़े शोध कार्य पर रचनात्मक लेख (प्रोजेक्ट पेपर पर)

ENGLISH: Research on the given project sub-topic and do any one of the following

activities based on it:

Compose a poem/ take an interview/ crossword puzzle/ riddles/ picture story/ autobiography/ story writing/ conversation between two persons or things

- 2. Read the given supplementary book and write its book review as per the format given below:
 - a) Name of the book:
 - b) Author:
 - c) Genre:
 - d) Setting of the story:
 - e) Characters in the story:
 - f) Character you liked the most and why:
 - g) Main problem in the story:
 - h) Solution:
 - i) Conclusion:
 - j) Whom would you like to recommend this book and why:

Note: Do this work on a project paper and make it creative by making illustrations.

MATHS:

Class 8 – Mathematics Summer Holiday Homework

Theme: "Math is Everywhere!"

Have fun, explore, and discover how mathematics shapes the world around you!

SECTION A: CREATIVE PROJECTS

1. Geometry in Real Life – The Quadrilateral Hunt

- Take a walk around your home or locality.

- Click or draw 5 real-world objects that resemble quadrilaterals (e.g., tiles, windows, kites).

- For each:
- · Identify the type (parallelogram, rhombus, etc.)
- List its properties (sides, angles, diagonals)
- Create a chart or mini scrapbook titled "Quadrilaterals Around Me"

2. Math & Me - Rational Recipe

- Pick your favorite recipe (e.g., lemonade, sandwich).

- Adjust it to serve 3 people, using rational numbers (e.g., ³/₄ cup of sugar).
- Write the recipe with all ingredient quantities as fractions or decimals.
- Show multiplication or division steps clearly to adjust serving sizes.

3. Linear Equations – Math Mystery Story

- Write a short detective story (1 page) where the hero solves a mystery using a linear equation.
- Example: "To find the thief, I needed to solve: 5x 3 = 2x + 12."
- Solve the equation and explain how it helped crack the case!

4. Create a Comic Strip: "The Adventures of Captain Variable!"

- Make a 6-panel comic where a superhero (Captain Variable) uses linear equations to solve problems and save the day.

- Use colors and dialogue.
- Show at least 2 equations being solved.

SECTION B: PRACTICE WORKSHEETS

Worksheet 1: Rational Numbers

- 1. Fill in the blanks
- a) Additive identity of rational numbers = ____
- b) Multiplicative inverse of ³/₄ = _____

c) Rational number between -2 and -1 = ____

2. Solve:

- a) 3/5 + (-2/3) = ?
- b) (2/7) ÷ (4/9) = ?
- c) Arrange in ascending order: -5/6, 1/2, -2/3

3. Word Problem:

Riya ran 2 $\frac{1}{2}$ km in the morning and 1 $\frac{3}{4}$ km in the evening. How much did she run in total?

Worksheet 2: Linear Equations in One Variable

- 1. Solve the equations:
 - a) 3x 7 = 11 b) 2(x - 3) = 10 c) (x/2) + 5 = 9
- 2. Word Problem:

A number added to 5 gives 2 times the number. Find the number.

3. Solve and verify:

Instructions:

- Organize your work in a folder.
- Include pictures, neat workings, and use color to make it presentable.
- Be creative, explore and most importantly-have fun with math!
- Submission Date: [30-06-2025]

SCIENCE:1. Carry out any one activity and prepare a report for the same.

A) Dow chilli seeds in two separate pots mixed with fertilizer and manure respectively.

Record your observations on the basis of:

- a) Height of plants / day in both pots.
- b) Number of leaves / day in both pots.
- c) Calculate rate of growth in both pots.

OR

B) Visit a shoe shop and observe the types of soles in the shoes.Draw pattern of any two soles.

- a) List your observations
- b) Find out different ways they reduce friction.
- c) Why are grooves provided in the soles of shoes?
- d) How are different patterns related to the shoes ?
 - 2. Research on your project topic and write it in project sheets.
 - 3. Revise the topics discussed in class.

SOCIAL SCIENCE: History & Geography

(To be done on the write-up sheet)

1. Which Indo-Pak war do you find most significant and why?

2. What were the main reasons behind the Indo-Pak conflicts?

3. How did the Indian Armed Forces contribute to the outcome of the war you chose?

4. What role did international countries or organizations (like the UN) play during the war?

5. Name two major battles or operations during the war and describe them briefly.

6. Who were the prominent leaders (civil or military) on both sides during the war?

7. How did the war affect common citizens and soldiers? Give examples.

8. What were the long-term consequences of the war for India and Pakistan?

9. Do you think war is the only solution to conflicts? Suggest peaceful alternatives.

10. What lesson can today's generation learn from the Indo-Pak wars?

Computer Science:

Make a chart on the latest IT Trends.

Art and craft......1–One craft work has to be made related to your project topic with waste meterial. 2–Do one colourful Folk art (from different states) in your art file painting size 7/9 inch 3–Draw two sketches in your art file.