

# SUMMER VACATION HOLIDAY HOMEWORK

## CLASS- VIII (D)

### ENGLISH

#### Q1. Podcast listening and review :

Listen to the following stories by Bedtime Stories and But Why: A Podcast for Curious Kids on Spotify:

- Marvin Monster's Midnight Snack Adventure
- Emma and the Magic Music Box
- Why do Earthquakes Happen ?

#### Instructions:

- Write a brief summary of these stories in your Grammar copy.

Q2. Design a **Travel Tour Card** for a real or imaginary place.

#### What to Include:

- Name of the Place & a Catchy Tagline**  
(e.g., "Snowville – The Land of Eternal Winter")
- Short Description (50–80 words)**  
Use **adjectives** and **vivid language**.
- Top 3 Tourist Spots**  
Write short 1-line highlights.
- Persuasive Line**  
*Why should people visit?* (e.g., "An unforgettable adventure awaits!")
- Drawings or Pictures**  
Add color and visuals to make it attractive.

#### Instructions:

- Use an A4 sheet or chart paper
- Keep it neat, creative, and colorful
- Write in your best English

### MATHS

Topic: Rational Numbers & Linear Equations

Theme: Math in Daily Life – Think, Create, Solve!

Project Title: "Math in the Market"

Objective:

Connect real-world situations with rational numbers and linear equations.

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Part A – Rational Numbers: Smart Shopper Challenge

Activity:

Imagine you are shopping in a local market. Create a list of 5 items with prices written in rational numbers (e.g., 3½ rupees for 1 kg of tomatoes).

Tasks:

1. Find the total cost of buying different fractions or multiples of each item (e.g.,  $2\frac{1}{2}$  kg of tomatoes,  $\frac{3}{4}$  kg of rice).
2. Write all costs as rational numbers in simplified form.
3. Represent at least 3 of these rational numbers on a number line.

Challenge:

Find two different combinations of items that cost the same total amount. Show your steps!

2. Combined (Creative Integration Activity)

7. “Math Newspaper” – The Rational Times

Create a 2-page math newspaper. Include:

Rational number comic strip

Puzzle corner with linear equations

“Math in Real Life” article

A “Did You Know?” section with rational number facts

## **COMPUTER SCIENCE**

### **1. FizzBuzz Game**

For range (1, 31)

Print "Fizz" if the number is divisible by 3

"Buzz" if divisible by 5

"FizzBuzz" if divisible by both

Else, print the number

2. Create a poster in a chart paper on the topic “**Cyber Security**” and colour it.

## **SOCIAL SCIENCE**

Questions 1-Write a report on any one of the manufacturing unit (Rice mill, flour mill, textile Mill etc.) of your locality. you can use drawing & pictures also.

Question.2- Topic -" If I lived in the Mughal Empire."

Imagine you are living in India during the Mughal Empire. Write a 4-5 page illustrated diary/journal describing:

----A day in your life (occupation, food, clothings etc.)

----your interaction with rulers or local governance

-----Major events you witnessed like battles or celebrations.

## **SCIENCE**

1) Discuss the role of microorganisms in food spoilage and the effectiveness of different preservation techniques. Write in your fair copy

(Method for help ) Food Preservation Experiment:

- **Select a food item:**

Choose an easily perishable food like fruits, vegetables, or milk.

- **Compare preservation methods:**

Compare different methods like salting, sugaring, drying, or adding oil or vinegar.

- **Observe microbial growth:**

Note how microorganisms affect the food at different stages of preservation.

2) Prepare a write up by visiting a farm, nursery or a garden nearby. Gather information about cultivation of a particular crop .The write up must include the following points along with photographs taken in the field.

- **Soil preparation.**

- **Manuring.**

- Irrigation.
- Weeding.
- Harvesting.
- Storage

## HINDI

**नोट-** गृहकार्य में दिए गए दोनों ही प्रश्न करना अनिवार्य है ।

(१) अपनी मन पसन्द कोई कहानी की किताब पढ़िए।

जैसे- पंचतंत्र, अकबर बीरबल या अन्य कोई और उस कहानी को कॉमिक की तरह चित्र बनाकर, कहानी के संवाद अपने शब्दों में लिखिए । कहानी में मुहावरों का प्रयोग भी कीजिए।

(2) नीचे दी गई अधूरी कहानी को कम से कम 100 से 150 शब्दों में पूरी कीजिए और चित्र भी बनाइए।

एक दिन मैं बगीचे में घूम रहा था / रही थी । तभी अचानक मेरी नजर एक सुंदर सी छड़ी पर पड़ी जो कि घास पर गिरी हुई थी । जैसे ही मैंने उस सुंदर सी छड़ी को उठाया तभी अचानक.....