

A vibrant, cartoon-style illustration of a beach scene. At the top, a bright yellow sun with rays is partially obscured by a blue cloud. The words "SUMMER VACATION" are written in large, bold, blue capital letters across the top. Below the text, a blue wooden frame stands on a sandy beach. Inside the frame, a white rectangular area contains the school's name and homework details. In front of the frame, there are two palm trees, a striped beach umbrella, and two striped beach chairs.

SUMMER VACATION

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SCHOOL, JASSOWALA
HOLIDAY HOMEWORK (2025-2025)
CLASS-9**

The background is a complex, abstract composition. It features a dark, swirling vortex-like pattern in shades of purple, blue, and brown. Overlaid on this are various elements: large, white, semi-transparent clock numbers (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12) that appear to be floating or falling. There are also faint, glowing blue binary code sequences (0s and 1s) scattered across the right side. Thin, white, curved lines resembling orbits or paths are visible throughout the image. The overall effect is one of dynamic movement and temporal complexity.

THEME: TIME TRAVEL

Holiday Homework for Class 9

Theme: Time Travel Theme

1. *English:*

- Write a short story or essay on a time travel adventure
- Create a diary entry from the perspective of a historical figure visited during time travel.
- Activity: "Time Traveller's Journal" Students maintain a journal detailing their imaginary time travel experiences.

2. *Mathematics:*

- Research the time difference between Vikasnagar (UTC+5:30) and other cities worldwide (e.g., London, New York, Tokyo).
- Calculate what time it would be in those cities at a specific time in Vikasnagar.
- Determine the total travel time in different time zones.
- Present this information in a table or chart.

3. *Science:*

- Research and present on the science behind time travel (e.g., wormholes, time dilation).
- Conduct experiments related to the concept of time (e.g., observing the effects of gravity on time).
- Activity: "Design a Time Machine" - Students design and describe a hypothetical time machine, explaining the scientific principles behind it.

4. *Social Science:*

- Create a timeline of historical events and imagine visiting key moments.
- Write about the cultural and societal changes observed during a time travel adventure.
- Activity: "Historical Figure Interview" - Students imagine interviewing a historical figure and present their findings.

5. *हिन्दी*

प्रश्न 1: समय यात्रा क्या है? इसका संक्षिप्त परिचय अपने शब्दों में दीजिए।

प्रश्न 2: यदि आपको समय यात्रा करने का अवसर मिले, तो आप अतीत (Past) में जाना चाहेंगे या भविष्य (Future) में? क्यों?

प्रश्न 3: एक कल्पनात्मक कहानी लिखिए जिसमें आप समय यात्रा करके किसी ऐतिहासिक घटना (जैसे झाँसी की रानी की लड़ाई या महात्मा गांधी की दांडी यात्रा) में पहुँचते हैं।

प्रश्न 4 समय यात्रा से जुड़ी किसी फिल्म, किताब या टीवी शो का नाम लिखिए जो आपने देखा या सुना हो। उसमें क्या खास बात थी?

5. Lab Manual

Completing the lab manual as instructed by your subject teacher's in Maths, Science and Social Science