

SUMMER HOLIDAYS HOMEWORK

Session 2025-26

CLASS : 9th

SUBJECT: ENGLISH

1. Literary Travel Blog

Choose a character from your Literature Reader (Beehive or Moments) and imagine a day in their life in Gujarat. Record a travel blog in about 400-500 words as if you are travelling with that character, visiting places and experiencing culture of Gujarat. Describe the places you visit, cuisines you had, and any other experience. Use necessary pictures (places, monuments, cuisines, dresses. etc)

2. Real-World Connection

Maintain a 7-day journal where each day you write a short reflection (100-150 words) connecting a literary them (e.g. courage, honesty, empathy) from your textbook to something you observed or experienced during your holidays.

3. Debate

Write your arguments (for 2-3 minute speaking) where you debate a topic related to either topic: “Books vs. Screens” or “City Life vs. Village Life”. Take a clear stand, support it with examples, and conclude effectively.

Note : The work is to be done on the project sheets and fix them in a sturdy file.

SUMMER HOLIDAYS HOMEWORK

Session 2025-26

Class -9th

Subject – Social Science

General Instructions:

- a. Complete the assigned tasks neatly on A4 size sheets.
 - b. Use maps, diagrams, and illustrations wherever applicable.
 - c. Paste pictures also.
1. Prepare a ppt on the topic plastic as a sustainable material. Elaborate. (Slides 8 + 2 slides including title slide and last slide.)

2. Make an album of the physical features (land, rivers) of Gujarat and Jammu and Kashmir. Write few lines on it. (Page limit 10-12)
3. Make a brochure with the help of colourful paper depicting – dance, musical instrument, food, festivals, handicraft of both Jammu and Kashmir and Gujarat.

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Class -9th

Subject –Artificial Intelligence

1. A poster/ comic strip/ storyboard explaining how an AI is transforming lives in the regions of Jammu and Kashmir and Gujarat (eg. A robot farmer in Gujarat or AI for snow-clearing in J&K)
2. Write about 5 entrepreneurs each of J&K and Gujarat.

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Class : 9th

Subject: Science

1. To understand the concepts of motion, types of motion, speed, velocity & distance- time graph by integrating it with transport system, traditional dancer & crafts of Gujarat.
2. To explore the physical states of matter, change of state, evaporation & sublimation using examples from Gujarat's lifestyle, climate & industries.
3. Draw the flora and fauna found in Gujarat's state and J&K. Make a collage of it and add it into project file. Attach all your observations and research in a file.

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कक्षा : नौवीं

विषय: हिन्दी

ग्रीष्मावकाश कार्य

संपूर्ण कार्य A4 Sheet पर करें और फाइल तैयार करें।

1. जम्मू-कश्मीर और गुजरात के प्रसिद्ध कवि अथवा कवयित्रियों का जीवन परिचय तथा उनकी कोई एक रचना चित्र सहित स्पष्ट करें। (कोई तीन)
2. जम्मू कश्मीर और गुजरात के खानपान में विविधता चित्रों सहित स्पष्ट करें (कोई पाँच)
3. जम्मू कश्मीर और गुजरात के प्रसिद्ध अभ्यारण्य का चित्र सहित वर्णन करें। (कोई पाँच)

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Session 2025-26

Class : 9th

Subject: Mathematics

Case Study 1: "Craftsmen of Kutch"

Context: A Kutch artisan uses fabric that is $\sqrt{225}$ meters in length to create decorative Bandhani designs, cutting each piece into 1.5 meter segments.

Questions:

1. What is the total length of the fabric? Is it rational or irrational?
2. How many full pieces can be cut?
3. If each piece is sold at Rs. 112.50, express the total earnings as a rational number.
4. If the artisan cuts one more piece of length $\sqrt{2}$ meters, how does that affect total rationality of earnings?

Case Study 2: "Kashmir Valley Apple Orchard"

Context: A farmer in Kashmir has an apple orchard with trees planted in a pattern represented by the polynomial:

$x^2 + 4x + 3$, where x is the number of rows.

Questions:

1. Factor the polynomial to find how the trees are arranged.
2. If $x = 5$, how many trees are planted?
3. The farmer adds a new row each season. What will the polynomial look like after 2 more rows are added?
4. If apples from each tree generate Rs. 50, write an expression to calculate total earnings.
5. Multiply the earnings polynomial with another polynomial representing transport cost $(x + 1)$. Write the final expression.

Instruction : Do holidays homework on A4 size sheets.

Holidays Homework

Class: 9th

Sub: urdu

Q1: Paste the pictures of Historical Monuments of jammu & kashmir and Gujarat. Explain Briefly(10-15) pages

سوال نمبر ۱:- جموں و کشمیر اور گجرات کی تاریخی عمارتوں کی تصویریں چپکا کر ان کے بارے میں مختصر طور پر وضاحت کریں۔

Q2: Make a comparative study about five poets/writers of Gujarat & J&K .

سوال نمبر ۲:- جموں و کشمیر اور گجرات کے پانچ شاعروں یا ادیبوں کا تقابلی مطالعہ کریں۔

Q3: Make a list of staple food items of Gujarat and J&K. Also write one famous receipe of Gujarat and J&K.

سوال نمبر ۳:- گجرات اور جموں و کشمیر کے اہم کھانوں کی فہرست بنائیں۔ گجرات یا جموں و کشمیر کی ایک مشہور ریسیپی بھی لکھیں۔

Q4:- Paste the picture of five food items of J&K and Gujarat and write about them in your own words.

سوال نمبر ۴:- جموں و کشمیر اور گجرات کے پانچ کھانوں کی تصویریں چپکا کر ان کے بارے میں اپنے الفاظ میں لکھیں۔