

# RAMJAS SCHOOL ANAND PARVAT



**SESSION: 2025-26**

**HOLIDAY HOMEWORK**

**CLASS 9**

**“Learn while you explore”, makes for a summer you ‘ll adore! “**



**Dear Students,**

**Learning is the beginning of wealth, Learning is the beginning of health, Learning is the beginning of spirituality. Searching and Learning is where the miracle process all begins.**

**.....Jim Rohn**

**The summer vacation, this time would be ice creams, candies and cool pool, but time can in honing skills and interests. It is better to bloom, than to be a bud, and you are responsible young members of the nation and it's your duty to follow rules. Here are some holiday activities designed for creative utilization of time. Give flight to your imagination and spend time with a purpose. This summer vacation, the holiday homework is designed by the mentors of the school as a medium for you all to achieve the motto of 'Fun and Learn'**

**· REMEMBER**

- Neatness and hygiene are part of your routine.
- Holiday homework is a part of subject enrichment and will be assessed on the basis of creativity and efforts of the students.
- It's a perfect time to enhance your speaking skills and vocabulary by conversing in English with your family and siblings.
- Reading is essential for those who seek to rise above the ordinary. Spend your quality time reading motivational books.
- A beautiful handwriting makes a good impression. Practice one page of English and Hindi writing daily.
- Schedule your time for activities so that there is no piling up at the last moment.
- Holiday homework should be your authentic creative work.

**Please note that this file contains 7 pages** 



**RAMJAS SCHOOL, ANAND PARVAT, NEW DELHI-05  
SUMMER HOLIDAY HOMEWORK**

**CLASS 9**

**SESSION 2025-2026**

**SUBJECT: ENGLISH**

**Task 1**

**Task Title:** *“Interview with a Character”*

**Instructions:**

Choose any one character from a short story or novel you’ve read in Class 9.

- Write **10 creative interview questions** and imagine the **character’s answers**.
- Make the answers reflect the character’s personality, thoughts, and struggles.

*(Example: Interviewing Margie from “The Fun They Had” or Helen Keller from “The Story of My Life”)*

**Task 2**

**Photo Essay:** "Two Worlds, One Nation: A Visual Journey Through Sikkim and Delhi"

Create a photo essay comparing the landscapes, architecture, and daily life in Sikkim and Delhi. Add captions to explain the significance of each photo.

**Note:** The project should be done on A4 size sheets and compiled together in

the form of a file.

## विषय-हिंदी

**सामान्य निर्देश: \*कार्य सुंदर लिखाई में करें।**

1. प्राकृतिक सुंदरता, संस्कृति, इतिहास, पर्यटन स्थल, पारंपरिक वस्त्र, भोजन, त्योहार आदि की जानकारी दर्शाते हुए सिक्किम की एक आकर्षक यात्रा विवरणिका(Travel Brochure) बनाइए। **(A-3 आकार की शीट पर)**
2. भारत के विकास में आगे बढ़ती किन्हीं 5 महिलाओं के योगदान को सचित्र दर्शाते हुए प्रत्येक के विषय में लगभग 100 शब्दों में लिखिए। **(A-4 आकार की शीट पर)**
3. हिंदी साहित्य के किसी प्रसिद्ध साहित्यकार की कोई एक रचना पढ़िए और उसका चित्र चिपकाकर उसके सारांश को लगभग 150 शब्दों में **अपनी मुख्य अभ्यास पुस्तिका में** लिखिए।
4. पठित पाठ्यक्रम की पुनरावृत्ति कीजिए। ।

## SUBJECT:MATHS

(DELHI PAIRED WITH Sikkim)

Make a project file using A-4 sized sheets on any 2 topics

1. Four districts of Sikkim (comparative table +graph etc.)
2. Famous tourist destinations of Sikkim(distance/time graph + no.of tourists graph)
3. Compare pollution in Delhi and Sikkim(double bar graph etc.)
4. Comparative sex ratio and literacy level of development in Delhi and Sikkim(Ratio and proportion/graph etc.)
5. Art form in Sikkim (architecture and mathematics /symmetry/shapes)
6. Any 4 monasteries of Sikkim(round off distance from Gangtok etc.)
7. Climate of Sikkim (temperature, rainfall graphs etc.)
8. Economy/trade of Sikkim (graph/charts)

art Integrated learning activity (Subject Enrichment) (To be done on A-4 sized sheet)

1. Mind Mapping activity (Represent summary of any 2 chapters using flow chart)
2. Coordinate geometry graph (To be done on Graph Sheet)  
( Plot any ten points and mention in which quadrant do they lie )

## SUBJECT - SCIENCE

### PHYSICS

1. Plan to go to a place by vehicle. Take readings of odometer and speedometer after every 5 minutes till you reach your destination. Record these observations in tabular form. Plot graphs between distance - time and speed time. State whether this motion is uniform or non uniform.

### SOLVE THE FOLLOWING NUMERICALS:

2. A bus starts from rest and attains  $40 \text{ km h}^{-1}$  velocity after 10 seconds. Calculate the acceleration of the bus in: (i)  $\text{km / h}^2$  and (ii)  $\text{m / s}^2$ .
3. A bus moving with a velocity of  $60 \text{ km / h}$  is brought to rest in 20 seconds by applying brakes. Find the acceleration.
4. A car is retarded by applying brakes at the rate of  $2 \text{ m / s}^2$ . It finally stopped in 10 s. Find its initial velocity.
5. A train moving with velocity of  $54 \text{ km / h}$  is accelerated so that its velocity becomes  $72 \text{ km / h}$  in 15 seconds. Find the acceleration of the train.
6. A 200 m long train crosses a 400 m long bridge with a speed of  $36 \text{ km / h}$ . Calculate the time taken by the train to cross the bridge.
7. A non-stop bus goes from one station to another station with a speed of  $54 \text{ km / h}$ . The same bus returns from the second station to the first station with a speed of  $36 \text{ km / h}$ . Find the average speed of the bus for the entire journey.
8. A train travels 20 km at a uniform speed of  $60 \text{ km / h}$  and the next 20 km at a uniform speed of  $80 \text{ km / h}$ . Calculate its average speed.

9. Sound is heard after 2 s, the lightning is seen in the sky during a cloudy day. Find the distance of the location of lightning, if the speed of sound is 346 m / s.

### **BIOLOGY**

[https://cbseacademic.nic.in/web\\_material/CurriculumMain26/Sec/Science\\_SecIX\\_2025-26\\_RM.pdf](https://cbseacademic.nic.in/web_material/CurriculumMain26/Sec/Science_SecIX_2025-26_RM.pdf)

Study the reading material from the given link and do as directed

#### **Roll numbers 1-20**

Study about Communicable disease

( Infectious Diseases) . Select any 5 communicable diseases which are common in Delhi and make a project which will include the following points

- Introduction of Communicable diseases
- Each disease on 1 page which will include
  - a) Name of pathogen
  - b) Means of spread
  - c) Control
  - d) Preventive measure

\* Support the above information with Diagram/ flowchart/ graphs / disease cycle etc.

#### **Roll numbers 21-45**

Study about Non Communicable disease

( Non Infectious Diseases) . Select any 5 Non communicable diseases which are common in Delhi and make a project which will include the following points

- Introduction of Non Communicable diseases
- Each disease on 1 page which will include
  - a) Name of pathogen
  - b) Means of spread
  - c) Control
  - d) Preventive measure

\* Support the above information with Diagram/ flowchart/ graphs / disease cycle etc.

Project is to be made on A4 sheets . It should contain 6-8 pages . It should be Handwritten and well presented

## CHEMISTRY

- Complete all the intext questions of chapter -1 Matter in our surroundings (in Chemistry notebook)

### ART INTEGRATED PROJECT

Sikkim is a beautiful north eastern state of India, located in the Himalayan mountains. Despite being the second smallest state in India, Sikkim is rich in natural beauty, biodiversity, and culture. Sikkim is India's first fully organic state, meaning all crops are grown without chemical fertilizers or pesticides. The state is known for its cleanliness, eco-friendly policies, and sustainable development. Sikkim is a model for environmental awareness and sustainable living.

Let's learn about the state by researching on the following topics:

#### **i. GREEN CHEMISTRY IN SIKKIM**

Make a poster on "Green Chemistry in Sikkim" – how the state can adopt eco-friendly chemical practices in farming, waste disposal, and industries.

#### **ii. WASTE MANAGEMENT & ECO-CONSCIOUS CHEMISTRY IN SIKKIM**

Research how Sikkim manages chemical waste or promotes eco-friendly practices (like banning plastic). What chemical alternatives are used?

#### **iii. SIKKIM'S SOIL & MINERALS**

Study the types of soils found in Sikkim. What minerals are found there (e.g., copper, zinc)? Which chemical elements are present in these minerals? How are these useful in daily life?

**\* INSTRUCTIONS : Attempt all the chemistry portion in sheets.**

## **SUBJECT : SOCIAL SCIENCE**

**All the students of Class IX class have to submit a handwritten project on;**

**Map Activity – To be assessed for Internal Assessment. Make a map file and submit.**

**Subject - Geography (On the Outline Political Map of India)**

**Chapter-1: India-Size and Location (LOCATE AND LABEL)**

- Indian States with Capitals
- Tropic of Cancer,
- Standard Meridian.

**Chapter - 2: Physical Features of India**

• Mountain Ranges: The Karakoram, The Zaskar, The Shivalik, The Aravalli,

The Vindhya, The Satpura, Western & Eastern Ghats

- Mountain Peaks – K2, Kanchenjunga, Anai Mudi
- Plateau - Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau
- Coastal Plains - Konkan, Malabar, Coromandel & Northern Circar
- (Location and Labelling)
- Chapter -3: Drainage - Rivers: (Identification only)
- The Himalayan River Systems-The Indus, The Ganges, and The Satluj
- The Peninsular Rivers-The Narmada, The Tapi, The Kaveri, The Krishna,
- The Godavari, The Mahanadi
- Lakes: Wular, Pulicat, Sambhar, Chilika

**SUBJECT - HISTORY**

**Chapter-1: The French Revolution Outline Political Map of France (For locating and labelling / Identification)**

- Bordeaux
- Nantes
- Paris
- Marseilles

**ART INTEGRATED PROJECT (DELHI and SIKKIM)**

- To make a comparative chart on the Natural vegetation and Wildlife (Flora and Fauna) of Delhi and Sikkim (Roll no. 1 to 15)
- To make a collage on A-3 size sheet of various festivals of Delhi and Sikkim (Roll no. 15 onwards)

**SUBJECT : ARTIFICIAL INTELLIGENCE**

Powerpoint Presentation On Artificial Intelligence.

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