

RAMJAS SCHOOL ANAND PARVAT



SESSION: 2025-26

HOLIDAY HOMEWORK

CLASS 10

“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 5 pages 



RAMJAS SCHOOL, ANAND PARVAT, NEW DELHI-05
SUMMER HOLIDAY HOMEWORK
CLASS 10
SESSION 2025-2026

SUBJECT : ENGLISH

- 1) On an A3 size sheet design a creative and meaningful poster promoting tourism in Sikkim.

Points to remember:

- Make it visually appealing and eye catching
- Include Title, slogan, tagline, message/jingle, drawing/ clip art, name of issuing authority.
- Play with fonts and its sizes
- Avoid writing sentences, grammatical errors

- 2) Work on an A3 size sheet. Fold it in half to get 4 pages. Make a newspaper named **THE RAMJAS TIMES** of 4 pages as per the following details:

Page 1- War and Peace. Based on your reading of the poem Fire and Ice, together with the current war scenario, write an article on 'Guided Missiles, Misguided Man'. Include some pictures/drawings. You may include some bytes in a column on the same.

Page 2- Inside Story. Imagine you met Lencho years after his crops were destroyed. You were impressed with his faith in God. Take an interview of Lencho to inspire people to learn from him. Also include a short poem on farmers/ agriculture.

Page 3- Entertainment. Make a small comic strip with an animal as the main character. Make some vocabulary games, limerick, riddles.

Page 4- Editorial. Based on reading the chapter, Long Walk to Freedom, write a letter to the editor expressing your concern on how discrimination in various forms, even today is a hurdle in the progress of nations across the globe. Write a small paragraph and paste pictures about life of Nelson Mandela.

विषय-हिंदी

सामान्य निर्देश: कार्य सुंदर लिखाई में करें।

1.दिल्ली - सिक्किम कला समन्वित परियोजना कार्य(A-4 आकार की शीट पर)

- i) त्योहार एवं उत्सव
- ii) भौगोलिक स्थिति एवं जलवायु
- iii) प्रमुख व्यंजन

iv) प्रमुख पर्यटन स्थल

v) धर्म एवं संस्कृति

नोट:- यह एक सामूहिक गतिविधि होगी जिसमें 5-5 छात्रों का एक समूह होगा। प्रत्येक समूह उपरोक्त विषयों पर दिल्ली और सिक्किम की समानताएँ व विभिन्नताएँ प्रस्तुत करेंगे। उदाहरण के लिए पहला समूह अनुक्रमांक 1 से 5 तक होगा।

2. पठित मुहावरों में से कम से कम 10 मुहावरों का प्रयोग कर A-4 आकार की शीट पर लगभग 120 शब्दों में एक प्रेरणादायक कहानी लिखिए।

3. पठित पाठ्यक्रम की पुनरावृत्ति कीजिए।

SUBJECT- MATHEMATICS

Prepare chapters of PT1 syllabus

1. Art Integrated Project

(DELHI PAIRED WITH SIKKIM)

Students are required to make a project report of minimum 6-8 pages on A-4 size sheets.

On any one of the topics given below:

(i) Climate

(ii) Famous tourist destinations

(iii) Compare population

(iv) Comparative sex ratio and literacy level of development

(v) Languages spoken

(vi) Religion

2. For subject enrichment:(to be done in maths practical file)

(i) Activity on Graph of pair of linear equations in 2 variables (parallel, intersecting, coincident)

(ii) Activity on zeros of polynomials

(iii) Mind Mapping of any 1 chapter of Mid term.

SUBJECT:SCIENCE

PHYSICS

1. Prepare the tabular display of all the cases of images formation by concave and convex mirrors along with proper neat ray diagrams for the same.

2. Do the assignment of the numericals based on mirror formula shared with you in the class.

3. All the work to be done in A4 size sheets and submitted in a hand made folder.

4. Revise the topics completed in the class for P.T1

CHEMISTRY

1. Write 20 chemical equations and

(i) balance them

(ii) identify reducing agent and oxidising agent, in case of redox reactions

(iii) name the type of reaction

2. Study/ Research any one element of your choice (refer NCERT & Online sources) and make a report on A3 sheet mentioning its atomic number, atomic mass, properties, uses and occurrence etc. Use your craft and imagination to make it interesting.

BIOLOGY

1. Draw the outline diagram allotted to you on A3 sheet and use **biodegradable** materials only, and label them properly
ROLL NUMBERS 1-10- Vertical section of leaf, leaf peel mount showing stomata(on one sheet) And human brain (on other sheet)
ROLL NUMBERS 11-20-Digestive system and respiratory system (on separate sheets).
ROLL NUMBERS 21-30-Vertical section of human heart and schematic diagram of double circulation(on separate sheets)
ROLL NUMBERS 31-40- Diagram of excretory system and diagram of Nephron (on separate sheets)

2. "Eco-Village Design" Project report
Design a model of a sustainable village using ideas from both Delhi and Sikkim:
Sikkim: Organic farming, rainwater harvesting, bamboo houses
Delhi: Rooftop gardens, solar panels, waste segregation
Use local art styles (e.g., Warli-style icons for Delhi, Lepcha symbols for Sikkim)
Highlight eco-friendly policies in Sikkim (India's first fully organic state)
Show contrast with urban lifestyle in Delhi and how to make it greener
Compare natural vegetation and ecosystems (Eastern Himalayas vs. Indo-Gangetic plains)

SUBJECT: SOCIAL SCIENCE

PROJECT ON THE FOLLOWING TOPIC:

TOPIC – "CONSUMER AWARENESS" including the below mentioned points

Definition and significance of consumer awareness

Ways of consumer exploitation

Case studies of consumer exploitation

Consumer movements and enactment of consumer protection act 1986, popularly known as COPRA

Rights of consumers

Reference – Chapter Consumer Awareness from Economics book (NCERT)

General Instructions

The Project carries 5 marks.

Students are expected to apply the social science concepts that they have learnt over the years in order to prepare the project report.

The project should be handwritten. The project should consist of Pictures, relevant data, newspaper clippings and any other supportive material.

Project to be of 10 pages.

The project should be handwritten, done on an A4 size sheet with spiral binding.

Make a cover page in your project file and write your name, class, roll no. & school name.

Project should also include acknowledgement and bibliography

ART INTEGRATED PROJECT (DELHI WITH SIKKIM)

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To make a comparative chart on religious composition of population of Delhi and Sikkim

MAP WORK FOR INTERNAL ASSESSMENT (to be done in the MAP BOOK)

History- Nationalism in India (location and labelling)

HISTORY (Outline Political Map of India)

Chapter - 3 Nationalism in India – (1918 – 1930) for locating and labelling / Identification

1. Indian National Congress Sessions:

- a. Calcutta (Sep. 1920)
- b. Nagpur (Dec. 1920)
- c. Madras (1927)

2. Important Centres of Indian National Movement

- a. Champaran (Bihar) - Movement of Indigo Planters
- b. Kheda (Gujarat) - Peasant Satyagraha
- c. Ahmedabad (Gujarat) - Cotton Mill Workers Satyagraha
- d. Amritsar (Punjab) - Jallianwala Bagh Incident
- e. Chauri Chaura (U.P.) - Calling off the Non-Cooperation Movement

f. Dandi (Gujarat) - Civil Disobedience Movement

GEOGRAPHY (Outline Political Map of India)

Chapter 1: Resources and Development (Identification only)

Major soil Types

Chapter 3: Water Resources (Locating and Labelling)

Dams:

- a. Salal**
- b. Bhakra Nangal**
- c. Tehri**
- d. Rana Pratap Sagar**
- e. Sardar Sarovar**
- f. Hirakud**
- g. Nagarjuna Sagar**
- h. Tungabhadra**

Chapter 4: Agriculture (Identification only)

- a. Major areas of Rice and Wheat**
- b. Largest / Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute**

SUBJECT:COMPUTER

Powerpoint Presentation On Artificial Intelligence.
