

JAIN HAPPY SCHOOL



Since 1952

Summer Vacation Homework

FOR GRADE-9





Dear Children,

With the summer temperature soaring high, we eagerly look forward to the exciting vacation time when we can relax and spend quality moments with our family, friends, and go on excursions.

Try to develop new skills that will enhance your knowledge and become lessons for a lifetime. It will be wonderful if you can keep some semblance of academics alive amid all the fun.

Guidelines for Students:

1. Ensure timely submission of the given assignments after the school reopens. Remember, well-presented holiday homework brings appreciation.
 2. Revise all the topics that have been taught by your subject teachers in the new session.
 3. Books are companions for a lifetime. Read good books, novels, short stories, travelogues, etc., during your summer holidays.
 4. Take up an activity at home that brings you joy and excitement—like sketching, painting, learning a musical instrument, gardening, etc.
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Guidelines for Parents:

1. Communication skills play a pivotal role in grooming the holistic personality of children. Please converse with your child preferably in English to help develop their language skills.
2. Spend quality time with your child by engaging them in activities that enhance their observation, imagination, and creativity.
3. Sensitize your child about our rich culture and heritage by watching informative channels, educational videos, or reading books together.

Stay safe and have a very enjoyable and fun-packed Summer Holiday!

कक्षा- 9

हिन्दी-ग्रीष्मकालीन गृहकार्य

1. प्रतिदिन अपनी हिन्दी की पुस्तक का वाचन करें।
2. प्रतिदिन हिंदी समाचार पत्र और कहानी की किताब पढ़ें।
3. निम्नलिखित विषयों पर अपने अनुक्रमांक के अनुसार PPT तैयार कीजिए और उसे कक्षा में प्रस्तुत कीजिए।
 - उपसर्ग और प्रत्यय (रोल नंबर 1 से 7 तक)
 - वाक्य अर्थ के आधार पर (रोल नंबर 8 से 14 तक)
 - समास (रोल नंबर 15 से 21 तक)
 - अलंकार (अनुप्रास, यमक, उपमा, रूपक) (रोल नंबर 22 से 28 तक)
 - औपचारिक और अनौपचारिक पत्र (रोल नंबर 29 से अंत तक)

नोट - सभी विषयों की सही प्रकार से व्याख्या करें और उदाहरण भी लिखें।

4. इंग्लिश विंग्लिश फिल्म को देखें और जानें की सीखने अथवा ज्ञान लेने की कोई उम्र नहीं होती है। किसी भाषा को ना बोल पाना आपके अंदर किसी कमी को नहीं दिखता बल्कि आप अपनी प्रतिभा और क्षमताओं का प्रदर्शन किसी भी भाषा व विदेश में रहकर कर सकते हैं। (अपने विचारों को A4 सीट पर लिखें)
5. सच्चे मित्र की पहचान क्या होती है पाठ दो बालों की कथा के आधार पर लिखें। (हिंदी की पुस्तक में)
6. आपने किसी स्थान की यात्रा अवश्य की होगी? यात्रा के दौरान हुए अनुभवों को सुंदर लेख में लिखें। (हिंदी की पुस्तक में)
7. लहासा की तरह भारत के पूर्वोत्तर में बसे किसी भी रमणीक व पर्यटन स्थल पर (अरुणाचल / मेघालय/असम या नागालैंड जैसे) किसी राज्य पर विशेष जानकारी सांस्कृतिक, भौगोलिक व राजनीति आधार पर उसके विशेषताएं लिखिए। (सचित्र विवरण रूप में) (A4 सीट पर लिखें)

हिंदी

लिखें. पढ़ें. बोलें. गर्व करें.



कक्षा - नवमीं

संस्कृत

1 स्वरसन्धि:- दीर्घः, गुण, वृद्धि, यण, अयादि के 10-10 उदाहरण लिखें

2 निम्न धातुओं के पाँचो लकारों में धातु रूप लिखकर याद करें - पठ्, गम्, वद्, भू, क्रीड्, नी, दृश्, अस, कृ, पा(पिब)

3 निम्न शब्दरूप के आधार से 3-3 शब्दों के रूप लिखकर याद करें - बालकवत्, साधुवत्, लतावत्, नदीवत्, अस्मद्, युष्मद्

4 निम्न उपसर्गों से 5-5 शब्द बनाकर उनका अर्थ लिखें - आ, वि, प्रति, उप, अनु, निर, प्र, अधि, अप, नि, अव

5 निम्न विषय पर कोई एक सुन्दर प्रोजेक्ट चित्र सहित तैयार करें --- वर्णमाला, वर्ण उच्चारण स्थान, कवि परिचय, सूक्तियाँ आदि। प्रमुख वेद व उनसे मिलने वाली शिक्षाएँ। (रोल नंबर -1 से 10)

6. गुरुकुल शिक्षण प्रणाली व आधुनिक शिक्षण प्रणाली, संस्कृत के प्रमुख कवि कालिदास व उनकी प्रमुख रचनाओं के ऊपर प्रोजेक्ट तैयार करें। (रोल नंबर -11 से 20)

7. संधि, प्रत्यय, अव्यय शब्द संस्कृत में समय, उपपद विभक्ति, संस्कृत में उपसर्ग, संख्यावाची शब्द, के ऊपर एक सुंदर पीपीटी तैयार करें। (रोल नंबर -21 से 39)

8. सिक्किम राज्य की संस्कृति, भाषा, साहित्यिकी व प्रमुख कलाओं के ऊपर एक प्रोजेक्ट तैयार करें। रोल नं० ग्रुप के अनुसार प्रोजेक्ट तैयार करें।

सभी छात्रों के लिए अनिवार्य है



Music- Holiday home work

WRITE A SHORT ESSAY (200-250 WORDS) ON THE ROLE OF INDIAN CLASSICAL MUSIC IN MODERN TIMES (E.G., FILMS, FUSION, THERAPY).

2. Choose one Raga and write the following:

*Aroha-Avroha

*Pakad

Time of performance

Mood/emotion associated

Any famous composition or artist associated with it

3. Write Taal notation of:

*Teentaal

*Dadra

4. Practice and record a performance (vocal or instrumental) of:

A basic Bandish/Composition in any one raga

OR

A folk or semi-classical song

5. Make a creative poster or PowerPoint on any one topic

Regional folk music styles

SUBJECT: SOCIAL SCIENCE

HOLIDAY HOMEWORK

Project Work – DISASTER MANAGEMENT

Activity – Individual Activity

DISASTER MANAGEMENT

- Preparedness
- Response
- Recovery
- Mitigation



"We cannot stop natural disasters but we can arm ourselves with knowledge: so many lives wouldn't have to be lost if there was enough disaster preparedness."

— Petra Nemcova

A. Keeping the above statement in mind, prepare a project on Disaster Management in 15-18 pages (Hand written) as per the following guidelines:

1. Highlight the following:

- Definition of 'Disaster'.
- What is a disaster management cycle?
- What are the types of Disasters?
- What is vulnerability and risk?
- What is a Hazard?
- How is it classified?
- Differentiate between hazard and disaster.
- Contrast and compare chemical and biological hazard.



- Significance of Mitigation.
-

2A. Prevention and Mitigation of Common Disasters in INDIA such as:

Natural Disasters:

- Earthquake
- Landslides
- Floods
- Droughts

OR

Manmade Disasters:

- Biological disaster
- Chemical disaster
- Fire
- Stampede
- Building collapse
- Flyover collapse



2B. Based on your selection in Point 2A above, enumerate the following key points in your project:

- Meaning
 - Causes
 - Do's and don'ts
 - Prevention and mitigation measures
 - Your emergency Kit
 - Latest means of forecasting Disasters
 - Prepare a case study on any one of the Disasters
-

2C. Art Integration:

Use your creativity and aesthetic sense of art to design a poster with a catchy slogan to create awareness on any one disaster.

GUIDELINES FOR SUBMITTING THE PROJECT



1. Use A4 size sheets and get your project spiral bound.
2. It should be a hand written project (blue or black pen should be used).
3. You can use newspaper clippings, maps, diagrams and material from the web.
4. Each illustration should be supported with a write-up/relevance to the topic.
5. The cover page should be written in bold letters with the topic, name, and roll number.

Follow the sequence of pages as given below:

- a. Acknowledgement
- b. Index
- c. Define disaster and its types (describe in 2 pages with illustrations)*
- d. Causes of disaster (illustrations)*
- e. Extent of damage (illustrations)*
- f. Who is responsible (illustrations)*
- g. Steps taken by the Govt. to combat (illustrations)*
- h. Voluntary Organisations working to deal with the disaster (illustrations)*
- i. Lessons learnt (illustrations)*
- j. Dos and don'ts for next time to avoid such disasters
- k. Bibliography



**Maps, pictures, graphs, etc.*

1. HISTORY:-

- Project/poster: Create a colorful timeline of the events leading to the French Revolution and the key phases.
- Essay :- Write a 200-250 word essay on The causes of the French Revolution.

2. GEOGRAPHY:-

- Topic- Physical features of India.
- Map Work- Draw a political map of India and mark the following:-
- Major Mountains , Rivers, and plains
- State and capitals

3. Prepare a power point presentation on following topics according to Roll numbers-

- Roll no - (1 to 9) chapter 2 (History)- The rise of Socialism in Europe.
- Roll no- (10 to 19) chapter 2 (Economics)- people as Resource
- Roll no- (20 to 29)

Chapter - Constitutional Design

Roll no- (30 to 40)

Chapter-3 Drainage



Note:- The PPT must contain 15 Slides/ pages, including following pages- Introduction, Index, certificate, Acknowledgment , conclusion and Bibliography.

* Revise and prepare all the chapters of Social Science done in the class for the class test be held when the school reopens.



SUBJECT - MATHEMATICS

ART INTEGRATED PROJECT

Topic: Triangles

State Paired with: Andaman Nicobar/

Lakshadweep Subjects Integrated: Mathematics

and Art Project: Research on the Tribal Textile

of Andaman Nicobar/Lakshadweep and the

Mathematical concepts involved in the design.

The textile patterns, geometric pattern Zig-Zag

lines and angular designs can be. The floral and

Geomorphic patterns are more or less geometric

form.



Learning Objectives:

- Understand the beautiful Textile Art of Andaman Nicobar/Lakshadweep.
- Create awareness about the Tribal art forms of our country.
- Improve their cognitive abilities.
- Integrate Maths with different art forms.

Project Presentation

- Students need to complete the project in groups of 5 students.
- Presentation of the Project should be through PPT.

Subject Enrichment Activity: Maths lab activities on the following topics are to be completed in Maths Lab Manual.

- a. To draw square root spiral up to $\sqrt{11}$.
- b. To verify the sum of angles of a triangle is 180° .
- c. To Verify when two parallel lines be intersected by a transversal then interior alternate angles are equal..

Assignment. Maths assignments are to be completed for the following topics:

- i) Number System
- ii) Polynomials
- iii) Statistics

LIBRARY HOMEWORK

YOUR FAVOURITE AUTHOR

INSTRUCTIONS:

1. Choose one famous author.
2. Create a poster about them:



. a **photo**: (short life story: when and where they were born, important life events, etc.)



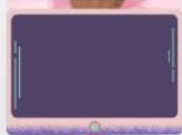
biography (books, poems, plays, etc.)

- **famous works** (books, poems, plays, etc.)



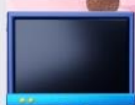
A **famous quote**

3. **Design Tips**: Make it **colourful** and **creative**. Use different fonts, borders, and drawings to make it eye-catching. Keep it organized and easy to read.







NAME _____

GRADE _____



Can you name the software and explain what you might use it for?

Software	Name	Used for?
		
		
		
		
		
		
		
		
		
		
		

Excel

Outlook

To create posters, animations.

Emailing

Serif Drawplus

Access

To create a movie

To create a slideshow

Word

Internet Explorer

To browse the internet

To write a document or letter.

Publisher

Moviemaker

Newsletters, leaflets, posters

To alter images

Photoshop

Powerpoint

Spreadsheets - calculations, graphs/charts

Databases, to store data about customers etc.



Hardware vs. Software

Sort the items below into their correct headings

<u>Hardware</u>	<u>Software</u>



Art and craft holiday

h.w


Class IXA- make this deer planter with big size plastic bottle. Link will be shared in your class group.



Class IXB- make this planter with waste plastic container , paint it with fabric paint in two code and make warli art on it.



Art- make a painting on the theme of I love our mother Earth in A-3 size sheet and colour it with poster colours.



Physical Education Holiday homework

Classes IXth TO Xth

“All of you have to make sports models.”

Roll no 1 to 10 TOPIC

- MINI SPORTS STADIUM

Roll no 11 to 20 TOPIC

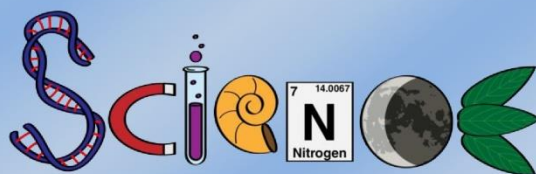
- FOOTBALL / HANDBALL

Roll no 21 to 30 TOPIC

- ATHLETES EVENTS

Roll no 31 to 40 TOPIC

- VOLLEYBALL / BASKETBALL



Class IX

Holiday Homework

- **1. Chapter Revision Assignments**

Chapter 1: Matter in Our Surroundings – NCERT Intext and Exercise Questions

Chapter 5: The Fundamental Unit of Life – NCERT Intext and Exercise Questions

Chapter 8: Motion – Solve Numerical Questions from the NCERT Exercises

Note: Submit the solved work neatly in a thin notebook.

- **2. Project Work (Choose Any One)**

Model Making: Create a 3D model of a Plant Cell or Animal Cell using eco-friendly materials.

Poster Making: Design a creative poster on either:

- "Conservation of Energy Resources" or
- "Save Water, Save Life"

(Use an A3 sheet for the poster.)



- **3. Research Assignment**

Prepare a handwritten report (5–7 pages) on Applications of Science in Daily Life, selecting any two of the following topics:

- Biotechnology
- Physics in Transportation
- Chemistry in Cooking
- Environmental Science and Pollution Control

Tip: Include relevant pictures, drawings, and real-life examples to make your report attractive.

• 4. Fun Activity – Science in the Kitchen!

Observe and record any two chemical changes happening in your kitchen.

Examples:

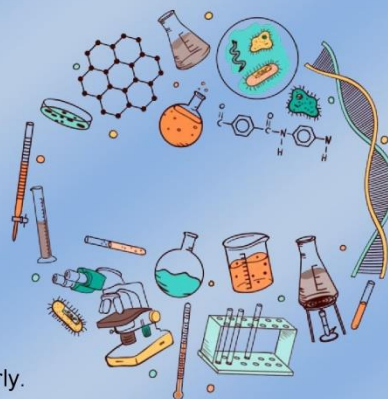
- Curdling of milk
- Baking a cake
- Cooking rice

For each:

- Describe the chemical change
- Explain the process
- Highlight its importance

• 5. General Instructions

- ✓ Write neatly and present your work creatively.
- ✓ Use ruled sheets and organize your work properly.
- ✓ Submit your assignments on time to avoid marks deduction.
- ✓ Best assignments and projects will be displayed on the school bulletin board!



Motivation Corner

"Science is simply the word we use to describe a method of organizing our curiosity."

— Tim Minchin

Fun Fact!

Did you know?

A single teaspoon of honey represents the lifetime work of 12 hardworking bees!

✨ Enjoy your holidays while exploring the wonders of Science! ✨

