

SANT NIRANKARI PUBLIC SCHOOL , NIRANAKRI COLONY
HOLIDAY HOMEWORK
CLASS IX
SOCIAL SCIENCE

Dear Students,

This summer holiday homework is based on the topic of Natural Disaster which is very much a part of your social sciences curriculum

Disaster management can be defined as the organization and management of resources and responsibilities for dealing with all humanitarian aspects of emergencies, in particular preparedness, response and recovery in order to lessen the impact of disasters.

India has been traditionally vulnerable to natural disasters on account of its unique geo-climatic conditions. Floods, droughts, cyclones, earthquakes and landslides have been recurrent phenomena. Over the past decade, between 1990-2000 an average of about 4344 people lost their lives and about 30 million people were affected by disasters every year. The loss in terms of private, community and public assets has been astronomical.

Significance of doing a project on disaster management in social sciences

As students of social sciences and as conscious citizens, doing a project on disaster management is going to give you a first-hand experience and opportunity to get yourself familiarise not only with the meaning, factors, etc. of disasters but also to learn the essentials of disaster preparedness and ways to collect relevant information pertaining to disasters and its effective dissemination.

Guidelines to complete your project report

- Topic for the project: Natural Disaster

Task I: What are natural disasters?

- i. Research using internet, newspaper, magazines, etc. about some of the more common natural disasters that our Earth faces.
 - ii. Some of the topics that you can research on are:
 - a) What is natural disaster?
 - b) Various types of disasters
 - c) Facts about storms
 - d) What disasters usually occur in India
 - iii. Pick one natural disaster (such as earth quake, flood, etc.) to focus on in your project.
- **Task II:** Preparing the collage / poster / brochure on A4 sheet.
 - i. Collect all the resources you require for your project such as pictures, text, quotations, etc.
 - ii. If you are making a poster turn it into a colourful, information poster. The size of the poster should be as on A4 Sheet.
 - iii. Be creative, colourful, informative and original in your project work.
 - **Task III:** Presentation of your project work
 - i. You will have to present your project work in front of the class.
 - ii. The date for the presentation will be given to you after the summer holidays.
 - iii. You must be able to clearly explain what is on your poster / collage / brochure without reading.
 - iv. The duration for your presentation will be 3 minutes.
 - The project should be presented in the following format:
 - a. **Topic title**
 - b. **Name of the student**
 - c. **Class**
 - d. **The presentation should cover all aspects of disasters as mentioned at the beginning and should be presented in order systematically to give an appealing visual display**

2. Read English Newspaper daily to increase your concentration

Happy holiday and happy learning!!!!

ASSIGNMENT

HISTORY

Ch-1 The French Revolution

1. Who was Rousseau?
2. Who all got the right to vote for National Assembly?
3. Describe the French division of Society?
4. What were the main causes of French Revolution?

ECONOMICS

Ch-1 The Story of Village Palampur

1. Is it important to increase area under irrigation? Why?
2. How did spread of electricity help farmers in Palampur?
3. Differentiate between physical and human capital.
4. Is it important to increase the area under irrigation? Why?

ENGLISH

1. PROJECT WORK - ART INTEGRATED ACTIVITY

TOPIC : INFORMATION ABOUT VARIOUS DOGS' BREEDS

On the basis of your reading of the chapter 'A Dog Named Duke', collect information about 10 different breeds of dogs, their characteristics and various adaptations. Paste pictures of various breeds of dogs. Also write a descriptive paragraph describing your favourite breed in about 100-120 words.

1. GRAMMAR AND WRITING SKILLS WORKSHEETS

MATHEMATICS

- Make a spinning wheel to show the volume , total surface area , lateral surface area of cone, cylinder , cube , cuboid , sphere and hemisphere.



<https://youtu.be/AevHNInx8HE>

<https://youtu.be/Y4jkKCcy-IB0>

- Make a card to show the types of numbers.

Useful link for the ideas of making card

<https://youtu.be/1tQPOJCskAo>

<https://youtu.be/DpwGxmdhHj0>

<https://youtu.be/LCWTH3hBnC4>

- Prove identity $(a + b)^2 = a^2 + ab + b^2$ by cutting and pasting method.
- Revise the chapters done and also do examples of each chapter in a separate practice copy.

विषय हिंदी कक्षा - नौवीं

1. कक्षा में होता / होती हिंदी शिक्षक/ शिक्षिका इस विषय पर 150 शब्दों में एक काल्पनिक अनुच्छेद लिखिए।
2. अपनी पसंद का कोई भी विषय चुनकर एक स्वरचित कविता लिखिए। (कविता कम से कम 50 शब्दों में होनी चाहिए।)
3. कोई भी 20 – 20 अनुस्वार व अनुनासिक शब्द लीजिए व सचित्र ए-4 आकार की शीट्स पर लिखिए ।
4. पाठ- दुख का अधिकार और मिल्नू (संचयन).....दोनों को पूरे मनोयोग से दो बार अध्ययन कीजिए और प्रत्येक पाठ के आधार पर निम्नलिखित कार्य कीजिए।
 - i) प्रत्येक पाठ में से बीस कठिन शब्द अलग कीजिए और प्रत्येक का वाक्य में इस प्रकार प्रयोग कीजिए कि अर्थ स्पष्ट हो जाए।
 - ii) प्रत्येक पाठ के बीच में से बीस शब्द चुनिए और उनके विलोम शब्द लिखिए।
 - iii) प्रत्येक पाठ में से बीस शब्द चुनिए और उनके तीन - तीन पर्यायवाची शब्द लिखिए।
(यह कार्य अपनी उत्तर - पुस्तिका में ही कीजिए।)
5. देश और समाज की उन्नति एवं विकास में निम्नलिखित लोगों का योगदान सबसे अधिक होता है।
वैज्ञानिक ,चिकित्सक ,इंजीनियर ,शिक्षक, नेता, खिलाड़ी ,लेखक और कवि ,कृषक और सैनिक । इन सब को आधार बनाकर एक परियोजना तैयार कीजिए।
परियोजना के लिए निम्नलिखित बिंदुओं को ध्यान में रखिए -
जैसे:- कवर पेज, मेरा परिचय, विषय - सूची ,अभिस्वीकृति और दिए गए सभी के विषय में जानकारी (प्रत्येक के लिए दो पेज) , निष्कर्ष ,प्रमाण- पत्र ,स्त्रोत -सूची, धन्यवाद।

आप अपनी परियोजना (पेपर पेज / e mode) दोनों ही तरीके से बना सकते हैं।

- आपकी परियोजना कम से कम 20 से 25 पेज की होनी चाहिए।
- आपका परियोजना कार्य आकर्षक सृजनात्मक और कलात्मक होना चाहिए।
- इसको आकर्षक बनाने के लिए आप भिन्न-भिन्न रंगों और चित्रों का प्रयोग भी कर सकते हैं ।
- आपका कार्य आंतरिक मूल्यांकन के अंतर्गत जाँचा जाएगा ।

विशेष :- कक्षा में करवाए गए सभी पाठों की पुनरावृत्ति कीजिए व संबंधित अभ्यास - कार्य अपनी उत्तर-पुस्तिका में कीजिए ।

BIOLOGY

Activity 1- Make a project on chapter of natural resources. The project should have content of at least 25-30 A4 sheets and focus should be on judicious use of the resources.

ACTIVITY 2- Make a model of plant and animal cell using old and worn out things present in your house like mirror, cardboard, buttons etc.

ACTIVITY 3- Write a brief report on prevalence of various types medicinal plants present in Sikkim. Supplement your work with attractive photographs. The report should be beautifully decorated.

All the three activities should be done in A4 size sheets with one cover page Portfolio activities

Rubrics for assessment:

On time submission-5 marks, Content- 3 marks, Presentation- 2 marks

Physics

- Learn and solve all the question of chapter 8 given in NCERT book in separate notebook
- Practice numericals based on following topic of chapter 8 (Motion)
 - (i) Distance and displacement
 - (ii) Speed and Velocity
 - (iii) Equation of motion
 - (iv) Uniform circular motion
- Learn and write following question in your notebook
 1. Displacement of a particle is independent of the path followed by it. Justify the statement.
 2. A body is moving along the boundary of a square plot of land with constant speed. Does its velocity remain unchanged, if not give an appropriate explanation?
 3. Can an object be accelerated if it is moving with constant speed? Justify the answer with an example.
 4. Draw a velocity time graph of a stone thrown vertically upwards and then coming down after attaining the maximum height.
 5. Derive the equation of motion $v=u+at$ graphically.
 6. A velocity of 20kmph is represented by an arrow of length 5cm. What velocity is represented by an arrow of length 7.5 cm.
 7. Walk from one corner of the basketball court to its diagonally opposite corner along its sides. If the basket ball court has the dimension of 15mx28m.
 - a. What is the distance covered?
 - b. What is the displacement?
 8. The brakes applied to a car produce an acceleration of 6m/s^2 in the opposite direction to the motion. If the car takes 2 seconds to stop after the application of brake, calculate the distance it travels during the time.
 9. A racing car has a uniform acceleration of 4m/s^2 . What distance will it cover in 10seconds after the start?
 10. Distinguish between uniform motion and non uniform motion.

CHEMISTRY

- (1) Prepare a project report on various samples of
 - (a) a mixture, (b) a compound, (c) an element [metal and non-metal], (3 of each category) highlighting the main characteristics features of elements, compounds & mixtures.
- (2) Prepare a report on 4th & 5th state of matter.
- (3) Complete class work up to chapter – 1.
- (4) Complete homework up to chapter – 1.
- (5) Complete activity of chemistry 1 and 2 in activity file.
- (6) Learn all lesson studied so far.

INFORMATION TECHNOLOGY-CLASS IX

- a) Make a presentation on Input/Output/Storage device, stating use of each - (soft copy to be submitted)
- b) Make a E-Poster in Ms Word on “Cyber Safety” with a tag line at the bottom- (soft copy to be submitted)
- c) Surf the internet and find the applications of computer (with the areas where computers are being used with their images for eg: Education, Banking etc.)-Do on A-4 size sheet

VIVA OF 10 MARKS FROM HHW