



**सैनिक स्कूल रेवाड़ी (हरियाणा)**  
**शीर्षमकालीन अवकाश गृह-कार्य (03 जून से 14 जुलाई 2024)**  
**कक्षा - नौवीं विषय - हिन्दी**

1. पाठ्यक्रम आधारित कोई दो मस्तिष्क मानचित्र (Mind Map) व दो अवधारणा मानचित्र (Concept Map) बनाइए।

Make two Mind Maps and two Concept Maps based on the syllabus.

2. कोई दो लघुकथा लिखिए।

Write any two short stories.

3. हिन्दी भाषा के समक्ष चुनौतियां एवं समाधान विषय पर आपके और आपके मित्र के बीच हुए वार्तालाप को संवाद शैली में लिखिए।

Write down a conversation between you and your friend on the topic 'Challenges and solutions before Hindi language'.

4. पत्र-लेखन के महत्व को बताते हुए औपचारिक पत्र व अनौपचारिक पत्रों के दो-दो नमूनों को लिखिए।

Write two samples of formal letters and informal letters explaining the importance of letter writing.

5. विद्यालय पत्रिका हेतु एक स्वरचित रचना तैयार करें।

Prepare a self-composition in Hindi for School magazine.

6. किसी एक हिन्दी साहित्यकार की पुस्तक पढ़ें व समीक्षा लिखें।

Read A Hindi Writer's Book and Write review.

7. क्षितिज (भाग-1) पाठ 1-2 (पद्य खंड) व 6-7 (गद्य खंड) अभ्यास सहित याद करें तथा कृतिका (भाग-1) पाठ 1 से 3 पढ़ें।

Learn and Practice Kshitij (Part-2) Lessons 1-2 (Poetry Section) and 6-7 (Prose Section) and read Kritika (Part-2) Lessons 1 to 3.

**नोट: इसी आधार पर ही आंतरिक मूल्यांकन किया जाएगा ।**

**SAINIK SCHOOL REWARI**  
**SUMMER VACATION HOLIDAY HOMEWORK**  
**SCIENCE**  
**CLASS – IX (2024-25)**

\*Make a separate notebook for holiday homework and do the following work.

1. Give two reasons to justify-
  - ( a ) water at room temperature is a liquid.
  - ( b ) an iron Amirah is a solid at room temperature.
2. Why is ice at 273 K more effective in cooling than water at the same temperature?
3. Give reason for the following observations.
  - ( a ) Naphthalene balls disappear with time without leaving any solid.
  - ( b ) We can get the smell of perfume sitting several metres away.
4. What produces more severe burns, boiling water or steam?
5. Convert the following temperatures to the celsius scale.
  - ( a ) 393 K          ( b ) 475 K          ( c ) 543 K          ( d ) 879 K
6. Differentiate between homogeneous and heterogeneous mixtures with examples.
7. How are sol, solution and suspension different from each other?
8. To make a saturated solution, 42 g of sodium chloride is dissolved in 100 g of water at 293 K. Find its concentration at this temperature.
9. An athlete completes one round of a circular track of diameter 200 m in 40 s. What will be the distance covered and the displacement at the end of 2 minutes 20 s?
10. Abdul, while driving to school, computes the average speed for his trip to be 20 km h<sup>-1</sup>. On his return trip along the same route, there is less traffic and the average speed is 30 km h<sup>-1</sup>. What is the average speed for Abdul's trip?
11. Write answers of all the NCERT Exemplar questions of chapter – 1, 2 and 8 and learn.
12. Prepare notes for given below chapters and make mind maps and learn properly. Also frame 04 questions from these chapters other than in text and exercise questions and write their correct answers.
  1. Matter in our surroundings
  2. Is matter around us pure?
  3. Force and Laws of motion.
  4. The fundamental unit of life
13. Write an article on any one topic from the following-
  1. Climate change
  2. Environment pollution
  3. Global warming
14. As you may be aware that INSPIRE – MANAK Scheme is a flagship program with a basic objective to instill creative/innovative thinking among school students in the age group of 10-15 years and studying in class 6 – 10. If your idea get selected you will Rs 10000 to make the model.

So, to participate in INSPIRE MANAK Scheme, you all have to come with an “original/innovative idea” that can have potential to cater to societal needs and applications. Five best ideas will be nominated for INSPIRE Award.

15. Prepare your Portfolio.

**SAINIK SCHOOL REWARI**  
**SUMMER VACATION HOLIDAY HOMEWORK**  
**SOCIAL SCIENCE**  
**CLASS – IX (2024-25)**

1. Prepare and learn concept map of all the chapters covered in class before vacations using your art integration skills.
2. Visit any historical place/ museum and acquire knowledge about it.
3. Watch some videos of Social Science topics on DIKSHA app and NCERT official you tube during vacations.
4. Prepare a project report on Disaster. (As per the CBSE curriculum students of Class IX have to submit a project on DISASTER MANAGEMENT. Every student has to compulsorily undertake any ONE project out of the given topics from Disaster Management. Choose any man-made or natural disaster to which India is vulnerable to e.g, building collapse, terrorist attack, earthquakes, cyclones, landslides, floods, etc. Prepare a detailed project under the following heads: Meaning of Disaster, Hazard, the difference between Hazard & Disaster, Disaster Management, and the various causes and mitigation measures of the disaster chosen by you. Your project should be supported by suitable photographs and paper cuttings of the affected area. Collect the data and prepare a report on ANY ONE of the recent disasters that has taken place in the country (LAST 2 YEARS) Define the role of citizens, NGOs, and government agencies during disasters. Students need to prepare their project on A4 size paper, which should be handwritten. The project should consist maximum of 8 pages. (Cover Page: Title, Topic/ Name of the Student/ Class/Section/Scholar Number) should be mentioned in the project.)
5. Inter Disciplinary Project with Chapter 5 of Geography “Natural Vegetation and Wild Life and Ch. 4 History Forest Society and Colonialism
6. On a chart paper show all the Mass Media tools and equipment (TV, Radio, Newspaper, Internet broadband etc.) used by cadets now a days for upgradation of knowledge.
7. During these vacations help your parents in household works and learn good habits from your elders and Parents like. Food to needy people, Water and food to birds, plant a tree, take adequate water during summers, learn do’s and don’ts of hostel life, Don’t use Mobile phone except for educational videos

**SAINIK SCHOOL REWARI**  
**CLASS-IX (SESSION 2024-25)**  
**SUMMER VACATION-HOLIDAY HOMEWORK**  
**SUBJECT-ENGLISH**

1. Read the Newspaper daily and write only one news article under the given headings like National, International, Sports, Glamour, and Business and express your views on it. (Minimum five Articles )
2. You encountered two strange people. They were different from normal human beings but they were quite interesting and exciting. As Manish\Manisha, using your ideas, write a story in about 150-200 words narrating your experience with them.
3. Reading of a story book or short novel etc. and do write their **Book Review** properly with the theme and summary, characterization etc.
4. From the base form of the verb form adjectives, adverb, nouns wherever possible by selecting minimum 30 words from the dictionary.
5. Plan/ imagine a get together party at your place.

Make a list of things you'll require using determiners.

E.g. called up **all** my friends. **Some** of them didn't come.

6. Write a diary entry in not more than 120 words describing the fun you had at the party.

At the end of the party, when you were helping your mother and father clean up the house you found a watch lying unclaimed in the living room. Draft a notice for the school noticeboard inviting the claimants for the same that you would put up on the school notice board.

**SAINIK SCHOOL REWARI**  
**SUMMER VACATION HOLIDAY HOMEWORK**  
**MATHEMATICS**  
**CLASS – IX (2024-25)**

1. Prepare a project file based on the topic Euclid's Geometry.

**Note: Project file on the above-mentioned topics must be prepared keeping the following points in order: -**

- (a) Title page (topic of the project).
  - (b) Cover page (essence of the project).
  - (c) Table of contents (index).
  - (d) Introduction of the topic.
  - (e) History (when, how and by whom it has been discovered).
  - (f) Terminology and symbol used.
  - (g) Explanation of the topic.
  - (h) Game or puzzle related to the topic.
  - (i) Fifteen (15) mathematical problems with solutions.
  - (j) Real life applications.
2. Solve Complete Chapters- Number System, Polynomials and Coordinate Geometry from **NCERT EXEMPLAR BOOK**. (Link for E-Book [NCERT EXEMPLAR](#)).
3. Draw the Concept Map of chapter Number Systems on A4 size paper.
4. Draw the Concept Map of chapter Polynomials on A4 size paper.
5. Draw the Concept Map of chapter Coordinate Geometry on A4 size paper.
6. Draw the Concept Map of chapter Linear Equation in Two Variables on A4 size paper.
7. Write a short briefing on any Indian Mathematician. (Use A4 Size sheet and Picture of Mathematician).

**SAINIK SCHOOL REWARI**  
**SUMMER VACATION HOMEWORK (FIT)**  
**SESSION 2024-25**  
**CLASS- IX**

1. Solve the exercises of Ch1 and 2 in the fair notebook of FIT.
2. Write down 25 shortcut commands in MS Office in your notebook.
3. Define Computer Hardware and show all physical components of hardware and define the working of all components?
4. Define Internet Services and how Internet infrastructure works?
5. What is cybercrime? How can you report it? Explain?
6. What is Cyberbullying? Explain?
7. Practice MS Word typing test at your home and bring 5 pages of printouts with you as a record?

**NOTE: Do the writing work in fair notebook of FIT.**

Name & Sign of Class Monitor Sec A:

Name & Sign of Class Monitor Sec B: