



**SAINIK SCHOOL REWARI**  
**CLASS-IX (SESSION 2023-24)**  
**SUMMER VACATION-HOLIDAYS 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. Write a letter to the chairman, Water Authority, in upto 120- 150 words, on the problems related to scarcity of water. Also suggest a few effective remedies. Thinking Skills
4. Write a self-composed poetry on the given topics with minimum 4 stanzas
  - A) Music
  - B) I am blessed
  - C) My school my pride
5. Write 20 words starting with 'A' and give at least two- two antonyms of each.
6. Write 20 words starting with B and give at least one- one synonym of each.
7. Read at least one story book of your choice and write its review.

**विषय -हिन्दी**

1. क्षितिज-II पद्य खंडपाठ1 ---व गद्य खंड 31-3 एवं कृतिका-1 पाठ-1 लिखें व याद करें।
2. विषय के पक्ष एवं विपक्ष में अपने "सरलता एवं उदारता की भी सीमा होती है।" विचार लिखिए।
3. व्याकरण पाठ्यक्रमकिसी एक विषय पर प्रवाह चित्र बनाइए। -
4. कोई पांच लघुकथा लिखिए।
5. विद्यालय पत्रिका हेतु एक स्वरचित हिन्दी रचना तैयार करें।
6. किसी एक हिन्दी साहित्यकार की पुस्तक पढ़ें व पढ़ें व समीक्षा लिखें।
7. हिन्दी भाषा के समझ चुनौतियाँ एवं" समाधानविषय पर ' आपके और आपके मित्र के बीच हुए वार्तालाप को और संवाद शैली में लिखिए।

## SUBJECT-MATHEMATICS

1. Prepare a project file based on the topic Number System.
2. Prepare a project file based on the topic Statistics.

**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.
3. Draw the Mind Map and 25 Questions from NCERT Exemplar of chapter Number Systems.
  4. Draw the Mind Map and 25 Questions from NCERT Exemplar of chapter Polynomials.
  5. Draw the Mind Map and 25 Questions from NCERT Exemplar of chapter Coordinate Geometry.
  6. Draw the Mind Map and 25 Questions from NCERT Exemplar of chapter Linear Equation in Two Variables.
  7. Write a short briefing on any Indian Mathematician. (Use A4 Size sheet and Picture of Mathematician)

## **SUBJECT-SCIENCE**

1. Draw a mind map to show cell components, cell organelles its discoveries and their functions.
2. Prepare a Science dictionary of 80 words.
3. Learn Chapter Fundamental Unit of Life and Motion
4. Make a working model of physics.
5. Do 20 numerical of Motion chapter.
6. Account for the following
  - a) Dogs generally hang out their tongue in summer
  - b) Smell of lighted incense stick spreads several meters away
  - c) Sponge though compressible is a solid
7. Water as ice has a cooling effect whereas water as steam may cause severe burns. Explain these observations.
8. 5ml of water was taken in a test tube and china dish separately. These samples were then kept under different conditions as below both the samples are kept under a fan Both the samples are kept inside a cupboard
  - a) State in which case evaporation will be faster? give reasons
  - b) How will the rate of evaporation change if above activity is carried out on a rainy day? Justify
7. Convert
  - a) 5 °C to Kelvin
  - b) 345 K to °C
8. At What temperature on the Kelvin scale does ice melt? Draw a diagram to show set up of melting point of ice.

## **SUBJECT-SOCIAL SCIENCE**

1. Prepare concept map of all the chapters covered in class before vacations using your art integration skills.
2. Prepare a project report on / Interview report on the topic Pastoralists in the Modern World.
2. Visit any historical place/ museum and acquire knowledge about it.
3. Watch some videos of Social science topic on DIKSHA app and NCERT official youtube during vacations.
4. Prepare a project report on / Interview report on Disaster Management and take interview of various local authorities and organizations like the Disaster Management Authorities, Relief, Rehabilitation and the Disaster Management Departments of the States, Office of the District Magistrate/ Deputy Commissioners, Fire Service, Police, Civil Defence etc. in the area where the schools are located.
5. On the Political Map of France show the important places and paste your map in your Notebook.
6. Inter Disciplinary Project with Chapter 5 of Geography “Natural Vegetation and Wild Life.
7. 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.

## **SUBJECT- FIT**

1. Write exercise of Chapter No: 1 & 2.
2. Learn exercise of Chapter No: 1 & 2.
3. Learn and write 25 shortcut commands of MS Office.
4. What is a motherboard? Explain all the functions and hardware parts of the motherboard.
5. Practice MS PowerPoint presentation on any topic (25 slides) of your choice and copy the same on CD. Bring the CD to school after the vacations?
6. What is Cybercrime? How can you report it?

Note: Do the writing work in a fair notebook of FIT.