

**HOLIDAY HOMEWORK**  
**CLASS: IX SESSION :- 2024-25**  
**SUBJECT: ENGLISH**

1. Collect any five news items on any one of the given topics and paste them in your file. Write a paragraph on that topic in about 150 words.
  - Environment
  - Technology
  - Children
  - Animals
  - Cleanliness
2. Pay a visit to some of the educational centres like Art Museum, Nehru Planetarium etc. and write your experience in your personal diary in about 100-120 words.
3. Write and learn any twenty five proverbs and their meaning.
4. Write a telephonic conversation between you and your friend in about 120-150 words.
5. Write a story in about 120-150 words based on any one of the following morals.
  - Honesty is the best policy
  - Practice makes perfect
  - Where there's a will, there's a way
  - Don't judge a book by its appearance
  - All is well that end well
6. Design an attractive cover page on any one book of the following writers.
  - William Shakespeare
  - Robert Frost
  - APJ Abdul Kalam
  - William Wordsworth
  - Ruskin Bond
  - R.K.Laxman

OR

Design an attractive poster on any one of the following topics: (A3 size sheets)

- Education
- Say no to plastic bags
- Stop Child labour
- Unity in Diversity
- Save Earth
- Save Trees

---

**SUBJECT: Mathematics**

**Do the entire work (except Chart work in the Maths Register)**

1. Write and learn the squares from 2 to 20 and cubes from 2 to 20.
2. Write and learn the tables from 2 to 20.
3. Write down the activities in the lab manual which was discussed in the class.
4. Make a chart (A-3 Size) on any Mathematician(Roll No:1-20)
5. Make a mind Map of polynomials/no. system (Roll No:1-20) (Roll No:21-40).
6. Make a Square root spiral on A-3 Sheet.
7. Do the activity(case study)

In a school, one day the maths teacher told the students of class IX about the number systems. She drew a number line and explained them that the number line represents various types of numbers on it. Rational no. can be represented on the no line. A no is called a rational no. if it can be written in the form of  $\frac{p}{q}$  where p & q are integers &  $q \neq 0$ .

8. Based on the above information ,answer the following questions:-

- Find a rational no.between 2 and 3.
- Find a irrational no b/w  $\sqrt{3}$  and  $\sqrt{5}$ .

OR

Find a rational no. b/w  $\sqrt{2}$  and  $\sqrt{3}$ .

- Express 1.3 in the form of  $\frac{p}{q}$ , where p and q are integers,  $q \neq 0$ .

q

9. Activity: Make a seating plan on Pg-44(NCERT Book)

10. Make a crossword puzzle on polynomials (Roll No: 21-40).

11. Revise the Syllabus done so far.

Note:- Do the entire work except chart work in the maths register.

### SUBJECT: Physics

1. Make a portfolio containing of 10 to 15 pages of one physicist who has given maximum contribution to physics as per your textbook.
2. Make a colourful chart on a fluorescent sheet with Black Border.

S.NO	PAGE NO	ROLL NO
1	Page no 104&105	1 to 5
2	Page no 106&107	6 to 10
3	Page no 122 &123	11 to 15
4	Page no 160 & 161	16 to 20

3. Complete your Practical file.

### SUBJECT: Chemistry

1. Prepare a portfolio of 10 to 15 pages of any scientist of chemistry.
2. Make a colourful chart on a fluorescent sheet with Black Border as per the instruction given below:

S.NO	PAGE NO	ROLL NO
1	Page no 20 & 21	21 to 25
2	Page no 22 & 23	26 to 30
3	Page no 36 & 37	31 to 35
4	Page no 49 & 49	35 o 41

3. Complete your Practical file.

### SUBJECT: Biology

1. Prepare a portfolio consisting of 15-20 pages based on topics given in chapter-14 "Natural Resources"

Some of the topics are as follows:

- (i) Environmental issues - Greenhouse effect & Ozone depletion
- (ii) Air : Its importance & pollution
- (iii) Water : Its importance & pollution
- (iv) Soil : its formation & pollution
- (v) Biogeochemical Cycles

\*As per CBSE Curriculum, the portfolio carries 5 marks.

- \*Do not copy the contents of NCERT.
  - \* Use loose sheets - coloured or white.
2. Do assignment -1 in your notebook.

---

**SUBJECT: Social Science**

1. Prepare a report on Lok Sabha Election 2024.(Points to be covered)
  - a. Number of constituencies.
  - b. Reserved constituencies.
  - c. Different phases of Election (Dates for election).
  - d. Campaigning by the political parties.
  - e. Voting done at the polling booths.
  - f. Results of the Elections.
2. On the outline map of India show the physical features given in the chapter 2 Physical Features of India (Geography).
3. Paste the pictures of Karl Marx, Adolf Hitler and write few lines about them.
4. Visit your neighbouring or home town village. Observe the different economic activities. Collect the pictures and paste them.

**Note: Do the entire work in homework register.**

---

**SUBJECT: Art & Craft**

Mention your Details on Back

**Section A, B & C**

1. Draw 2 landscapes on A3 size Sheets. (One with colours and second with shading and Toning.)  
**Note: You can choose according to your choice.**
2. Craft any 3 paper flowers by showing your creativity of crafting on it.  
**Size of flowers must be minimum 10\*12 inches.**
3. Complete your done task in the file.

**Section D, E, & F**

- 1) Make a decorated name plate .Must be of wood or hard board.
- 2) Make a Painting on any one of the following theme:-
  - Madhubani Art
  - Warli Art
  - Mandala Art

**Note: Make it on A3 Size Sheet, use colours according to choosen Art form.**

- 3) Complete your done task in the file.

---

**SUBJECT: Computer**

Prepare presentation on the following topics (Refer Book Part- A Unit 3 - ICT skills-1)

TOPIC	ROLL NO.
1. INPUT AND OUTPUT DEVICES	1-6
2. COMPONENTS OF WINDOWS	7-12
3. TYPES OF NETWORK	13-18

4. BASIC COMPONENTS OF NETWORK & TERMINOLOGY OF INTERNET	19-24
5. APPLICATION OF INTERNET	25-32
6. NETWORK PROTOCOLS	33-40

**General Instructions :**

1. Make 10-12 slides on each topic.
2. Bring the printouts in proper file cover.

**SUBJECT: Hindi**

1. महादेवी वर्मा लेखिका का जीवन परिचय, मुख्य रचनाएँ व लेखन कला की विशेषताएँ गिब्लू पाठ के आधार पर लिखिए व पाठ से संबंधित चित्र बनाएँ।
2. ग्रीष्म ऋतु में सपरिवार कृत किसी दार्मिक, तीर्थ स्थल या ऐतिहासिक यात्रा वृत्तान्त का अपने शब्दों में वर्णन लिखिए।
3. अनुक्रमांक 1-20 तक, चार्ट पर हिन्दी में गिनती लिखें व अनुक्रमांक 21-40 तक, 50 से 100 तक गिनती लिखें।
4. प्रतिदिन दूरदर्शन पर समाचार सुनें व हिन्दी समाचार पत्र पढ़ें व हर रोज 5 नए शब्दों को अर्थ सहित लिखें।
5. ग्रीष्म ऋतु में अपनी क्षमता अनुसार आपने किसी भी पशु, पक्षी या अन्य जीव, मानव की सहायता व रक्षा की, उसके बाद आपको कैसा लगा अपने अनुभव लिखिए।
6. पठित पाठों की पुनरावृत्ति करें व संक्षेप में अपने शब्दों में सारांश लिखें।
7. रोल न → 1-10 → हिन्दी दिवस, 11-20 → वन महोत्सव 21-30 → 15 अगस्त, 31-40 शिक्षक दिवस पर सुन्दर चार्ट बनाएँ।