



**WINTER VACATION HOMEWORK**

**Science– Physics** – Read and learn Ch – 11 , 13 , 15 , 16 thoroughly.

**Chemistry** – 1. Read and learn ch – 4 ,6 ,17 , 18 thoroughly.

2. Make a project on the topic “pollution” listing out the following topics in it (8 to 10 pages)

- a). Types of pollution
- b). Major pollutants
- c). Harmful effects of pollution
- d). Green house effect
- e). Global warming
- f). Acid rain
- g). Ozone depletion

**Biology** – Visit a National park and make a project on any one animal.

**Maths**– 1. Do the Mental Maths of ch – 5 ,6 ,7 ,13 ,17.                      2. Learn tables from 2 to 20.

**S.studies** – 1. Mark , Label and answer the given question in your Map Book. Page no. – 25 , 27 , 31 , 33 , 51 , 53 , 55.

2. Find the Places and Mark them on a map of India in Map Book. Practice pages (History –Page no. – 57 and 105) (Geography – Pg no. – 93)

**English** –1. Design a Poster on theme ‘Each one , Teach one’.                      2. Write a narrative Composition of ‘I am Earth’.

3. Write a letter of thanks to a stranger for sending your lost bag containing some money and important documents.

4. Worksheets page no. – 4 , 5 , 15 , 23 , 27.

5.

**Hindi** – 1. Read and learn the following passage and answer the questions given below.  
2. Write a short story on the topic “A Day in the Life of a Soldier”.

3. Write a letter to your friend about your school and its activities.  
4. Write a paragraph on the topic “My School”.

5. Write a short story on the topic “A Day in the Life of a Soldier”.

**Computer - Note – Draw input and output windows for each program.**

1. Write a program to calculate the area of triangle.
2. Write a program to calculate the area and circumference of circle.
3. Write a program to check whether a person is adult or not, based on his age.
4. Write a program to will accept a number and display the corresponding day of the week.
5. Write a program to input a number and find whether it even or odd.
6. Write a program to enter the student’s name, roll number and marks in 3 subjects. Calculate total and percentage of marks and print a message “You are Passed“ if the percentage is greater than 40, otherwise print “You are failed”.
7. Write a program to input the cost price and selling price of an item. Check whether the seller has made profit or incurred loss. If the product is in profit, then display “You are made a profit” otherwise display “You suffered a loss”.
8. Write a program to input two numbers and find greatest number.

**NOTE : - Revise all syllabus for SA-2 exam.**

Kindly do the work neatly and as per the instructions given. Holiday Homework carries **10 MARKS** and will be graded under 'Subject Enrichment Activity'.