

## **Holiday Homework Class IX 2017-18**

### **Maths-**

1. Revise chapter 1, 2, 6 and 12 from NCERT BOOK
2. Do the assignment of chapter 1, 2, 6, 12 in the assignment register.
3. Do the following activities in your activity file
  - a)  $(a+b)^2$
  - b)  $(x+a)(x+b)$
  - c)  $(a+b+c)^2 = a^2+b^2+c^2+2ab+2bc+2ca$
  - d) Angles made by transversal between two parallel lines
  - e) Angle Sum Property of a triangle
  - f) Exterior Angle Property of a triangle

### **Science-**

#### **Biology-** To be submitted in a folder

1. Paste two news/articles reports published in a newspaper or magazine on any two topics given below. Also write 80-100 words analysis of the same. (Use A-4 sized sheets)
  - a. Fertilizers and manures
  - b. New methods of agriculture
  - c. Pest control
  - d. High Yielding Variety
  - e. Pisciculture
  - f. Fisheries
2. Make a poster on any one of the topic (A-4 size sheet):
  - a. Chemical free agriculture
  - b. Organic farming
  - c. Green revolution
  - d. White revolution
3. Learn lesson 1 and 2

**Chemistry-** Do the given assignment in the assignment notebook.

**Physics-** Do the assignment (numericals) in a separate copy.

### **Social Science-**

1. Read newspaper daily.
2. Read and learn the syllabus done till now.
3. Read all the chapters of Term-1 of all social science subjects.
4. Disaster management-Make a 12 side (6 pages) project on any 2 topics from disaster management book (chapter-2) on natural disasters, in your activity file with pictures and information from newspapers, magazines and textbooks only with introduction, sources etc.

### **English-**

1. Write 5 diary journals about something different that you do during your summer vacations (like-visiting a place, relative, doing a different activity etc).To be done in the writing skills copy.
2. Read Three Men in a Boat and do the question answers in the copy.
3. Read unit 2 of the MCB and do the questions given in your writing skills notebook.
4. Write a story based on the following prompts in your writing skills copy (Word Limit 150-200 words):-
  - a. You're digging in your garden and you find an old treasure map. – (Humorous)
  - b. I saw a man sitting on a park bench reading a newspaper. – (Story with a Twist)
  - c. She opened her cupboard. To her horror she saw. – (Mystery)

### **Computer-**

A PowerPoint presentation containing at least 15-20 slides with animation including video and sound on the given topics-

1. Give a hand to Wildlife (Roll No. 1-20)
2. Impact of Plastic Bags on the environment (Roll No. 21-40)

Get the presentation on a CD.

### **Sanskrit –**

दिए गए अपठित गद्यांश, पत्र, अनुच्छेद व चित्र वर्णन कार्य को व्याकरण पुस्तिका में करें। अभ्यास पत्र करें।

### **Hindi-**

१. औषधीय पौधों की जानकारी प्राप्त कर लिखें-

तुलसी, नीम, बबूल, पीपल, जामुन, आवला (कोई पाँच)-चित्र जलवायु, गुण।

२. किसी बाल मजदूर के साथ वार्तालाप का अनुभव लिखें, साथ में चित्र भी लगायें।

\*सभी कार्य गतिविधि पुस्तिका में करें।

**Art-** T-shirt painting.

**School Cinema-** Complete the worksheets of the movies shown.

a) Shourya

b) The Road Home