

JSS Public School Noida

Summer Holiday 2019-2020

Class IX

Mathematics:

1. Do first five activities given in Vidya Lab manual in practical file in the same way as given in the lab manual.
2. Make a project on Polynomials on coloured A4 sheets (maximum 4 to 5 sheets)
3. Revise all the chapters done till now.

Science:

Biology

1. Make a concept map of CELLS
Size A4
2. Practical note book written work
Preparation of stained temporary mounts of (a) onion peel (b) human cheek cells
Record observations and draw their labelled diagrams.

Chemistry

1. Write two activities from chapter 1 in the practical notebook from the lab manual as such as given in the lab manual.
2. Write 10 extra questions on the topic Evaporation on A4 sheet taking help of internet.
3. Learn and revise all the questions of chapter 1 matter.

Physics

1. Derive all three equations of motion by graphical method.
2. Plot the graphs between displacement and time, velocity versus time for uniform and non-uniform motion.
3. Do extra numerical from refreshers other than NCERT.

English:

1. Read the book Wings of Fire by A.P.J Abdul Kalam and write a book review.
Make sure you include personal response to the review.
2. Collect any five news items on the given issue:
 - a) Environmental Issue
 - b) Technological Developments

c) Women Centric Issues

Hindi

1. आज्ञादीकीलड़ाईमेंअपनायोगदानदेनेवालेदोगुमनामक्रांतिकारियों केयोगदानकाउल्लेखकीजिये। (A -4 शीटपर)
2. कबीरएककविहोनेकेसाथ-साथएकसमाजसुधारकभीथे। ऐसेही दोसमाजसुधारकोंकेविषयमेंलिखिएजिन्होंनेसामाजिकबुराईयोंके खिलाफआवाज़उठाई। (A -4 शीटपर)
3. पढ़ाएगएसभीपाठोंकाअभ्यासकीजिये

Social Science

Activity 1:: Topic : Activity on Disaster Management

Individual Activity

Topic will be related to natural or man induced disaster.

Following are the guidelines for the activity-

- It should be handwritten, and credit will be awarded to original drawings, illustrations and creative use of material.
- Graphical representation of recent data related to disaster should be given.
- Relevant pictures, cartoons, social advertisements (Do's& Don'ts)

Headings to be discussed –

- Introduction of the topic
- Causes and consequences of disaster
- Before and after mitigation strategies to cope the disaster
- Any recent case study (2011 onwards) from India or any other part of the world.
- Tools and techniques used to measure the intensity of disaster.

Any Other Relevant Information.

Activity 2: Map Pointing

Ch 1: India Size and Location

Tropic of Cancer, Standard Meridian, southern most, northern most, eastern most and western most point of

Ch 2: Physical Features of India

- Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats
- Mountain Peaks: K2, Kanchan Junga, Anai Mudi
- Plateau: Deccan Plateau, Chotta Nagpur Plateau, Malwa plateau
- Coastal Plains: Konkan, Malabar, Coromandal & Northern Circar (Location and Labelling)

Ch 3: Rivers of India

- a) The Himalayan River Systems-The Indus, The Ganges, and The Satluj
- b) The Peninsular rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi.

Lakes: Wular, Pulicat, Sambhar, Chilika, Vembanad, Kolleru

Computer Science

- a) Make a PowerPoint presentation on Topic “Input-Output Devices “and submit it infolder.(Minimum Slides are 15)
- b) Revise Ch 1 and Ch 2.

Arts:

1. Make a name plate using paper quilling.
2. Make madhubani painting on A-4 size sheet.
3. Make a envelope using block printing.
4. Make still life and do collage using(newspaper/coloured magazine paper).
5. Make a landscape using pencil shading.