ST. XAVIER'S SR. SEC. SCHOOL

Divine Nagar & Vidyanagar

HOLIDAY HOMEWORK 2020
Class – IX (Nine)

English

- English literature: Read the following lessons and write down any 20 difficult words, their meanings and learn them:
  The fun they had
  The sound of music
  The lost child
  The adventure of toto
- Write a Portfolio on: Wings of fire (Autobiography) - A.P.J Abdul kalam

Social Science

- Geography: Learn Lesson 1 and 2 and answer the questions that follows (NCERT)
  Map Work: India's political map, state and capital, Different soil types form NCERT Books
- History: Read French Revolution and answer the questions that follows (NCERT)
- Political Science: Read lesson 1 and 2 and answer the questions that follows (NCERT)
- Economics: Read the story of Palampur and answer the questions that follows (NCERT)
- Write a Project on disaster management (20-25 pages)
  "29th October 1999. A super cyclone strikes Odisha" prepare a project on this topic by collecting the materials from the internet. Also make a collage by using different types of pictures related to this topic.

Physics

- Read lesson 1: Motion and answer the questions that follows (NCERT)

Chemistry

- NCERT: Read and learn from pages 1-6 and answer the questions that follow.
- Lab Manual: Write the chemistry experiments 1, 2 and 3 in your lab manual.

Biology

- NCERT: Read and learn from pages 57-60 and answer the questions that follow.
- Lab Manual: Write the biology experiments 1, 2 and 3 in your lab manual.

Mathematics

- Study and Solve the sums on Number system (Read numbers)
- Study and Solve the sums on Algebra (polynomials)
- Study and Solve the sums on Geometry (Euclid's Geometry, lines, angles, triangles)
- Study and Solve the sums on Co - ordinate geometry
- Study and Solve the sums on Mensuration (Related Heron's formula)

- Define the following.
  I.
  i. Real number   ii. Rational number   iii. Irrational number iv. Prime number

v. Composite number   vi. Polynomials   vii. Linear polynomials

viii. Quadratic polynomials   ix. Cubic polynomials.

II.

i. Angle, different types of angles

ii. Triangle and different types of triangle with definitions

iii. Diagram of different types of triangles. (draw it)

III.

Properties of triangles such as equilateral triangles and Isosceles.

GOD   WISDOM   TRUTH