



ST.PATRICK'S ACADEMY

CLASS 7

ASSIGNMENTS

ENGLISH LITERATURE

1. Read chapter 1, 'As you Like it', from the Silent Reader, 'Three Shakespeare Comedies'. Also, attempt all the questions given at the end of the chapter in the Self Expression notebook.
2. Learn the following poems for recitation: **a)** A Boat beneath a Sunny Sky **b)** Dear March, Come in

ENGLISH LANGUAGE

1. Write an essay of 200-250 words on:
'A Class without a Teacher'
2. Write a letter to your father requesting him to increase your pocket money.
3. Text Book:
 - Attempt exercises – C, E, I and K (pg 7, 10, 11, 12) from Chapter 1 – The Sentence.
(All the above mentioned work is to be done in the English Language notebook.)
4. For learning only: Learn Synonyms and Antonyms (1- 20) given on pg 158,159

MATHS

1. Revise the following concepts from Chapter 1-Sets:
 - What is a set?
 - Roster form of a set
 - Set-builder form of a set
 - Cardinal number(Do exercise 1.1 in your Maths fair register.)
2. Revise the following concepts from Chapter 2-Integers:
 - Sign conventions for integers. (For example: -- = +)
 - Representing integers on number line.(Do exercise 2.1 and 2.2 in your Maths register.)

PHYSICS

Read chapter 1

1. Do the following activities:
 - a. Estimate the area of a leaf as taught in the previous class. (pg no. 7)
 - b. Measure the volume of an irregular solid (pg no. 5) that is heavier than water and doesn't dissolve in it.
 2. Mention atleast 5 physical quantities with their symbols and SI units.
 3. Read the activity given on page no. 4 and write any four differences between Concave and Convex Meniscus.
- (All the above mentioned work is to be done in the Physics interleaf notebook.)

CHEMISTRY

1. Define: Elements, Compounds and Mixtures with two examples of each.
 2. Define: Distillation, Miscible liquids, Immiscible liquids, Sublimation and Filtration.
 3. Write the molecular formulas of Nitrogen, Oxygen, Chlorine, Hydrogen and Sulphur.
- (All the above mentioned work is to be done in the Chemistry interleaf notebook.)

BIOLOGY

1. Read chapter 1.
2. Do the given work in the Biology interleaf notebook:
 - a) Define tissue.
 - b) Write the function of the following:

I. Parenchyma	V. Phloem	IX. RBC
II. Collenchyma	VI. Tendon	X. Blood platelets
III. Sclerenchyma	VII. Ligament	
IV. Xylem	VIII. Adipose tissue	

XI. Differentiate between:

- Meristematic and Permanent tissue
- Simple and Complex tissue
- Bone and Cartilage

c) Draw a well labelled diagram of a neuron.

HISTORY/CIVICS

Make a project on 'The Medieval World: The Advent of Christianity' including the following topics:

1. Introduction
2. Advent of Christianity
3. Decline of Ancient Europe
4. Spread of Christianity
5. Monasteries
6. Impact of Monasteries
7. Crusades
8. Consequences of the Crusades
9. Conclusion

- Attempt the project in the notebook of History and Civics (both sides lined).
- Paste or draw pictures as per the requirement of the topic.
- Compile the project within 10 – 15 pages.

GEOGRAPHY

Read chapter 1:

- Write the uses of different colours on the Toposheet (pg no.3). Also, draw various symbols using appropriate colours (pg 5).

(The above mentioned work is to be done in the Geography fair interleaf notebook)

COMPUTER

Chapter 3: Computer Virus- Types, Symptoms & Prevention

- Read Chapter 3 carefully.
- Make a project on 'Computer Viruses' in the most presentable way.

Note: Cover only the following topics:

1. The project should begin with the meaning of Virus.
2. Types of Computer Viruses.
3. Symptoms of Computer Virus Infection.
4. Precautions /Measures to prevent Virus Infection
5. Name of Antivirus Softwares (Free/Paid)
6. Ten most dangerous computer virus
7. Write a few facts related to the topic at the end.

GENERAL INSTRUCTIONS:

The project work is to be done in the Computer notebook.

- Use both sides ruled notebook.
- Leave first two pages for index.
- Work should be highly presentable and legible.
- You can paste or draw pictures at all the necessary places to make your work appealing & interactive.
- Do not emphasis on writing too much of text but describe the terms and the facts using the computer technical keywords.

❖ **Please download the Hindi Assignment from a separate file.**

STAY HOME AND STAY SAFE