

THE ASIAN SCHOOL, DEHRADUN
HOLIDAY HOMEWORK FOR WINTER VACATION 2011
IGCSE

- Physics : Describe how Electricity or other use full form of energy may be obtain from.
- Chemical energy stored in fuel.
 - Water energy
 - Geothermal resources
 - Nuclear fission
 - Heat and light from sun (Solar Cell and Panels)
 - Give advantages and disadvantages of each method in terms of cost reliability, scale and environmental impart.
- Recognise linear motion for which the acceleration is constant and the acceleration is not constant and calculate acceleration ?
- Chemistry : Write a short notes on rusting and its prevention. Show practically.
- Biology : Do the following activities :
- Activity 6.1 : Epidermis of a leaf.
- Activity 6.2 : Testing a leaf for starch
- Activity 6.4 : To see if carbon dioxide is needed for photosynthesis.
- Activity 6.6 : To show that oxygen is produced in photosynthesis.
- English : Refer Mavian Cox
Cambridge IGCSE first language English work book third edition.
Unit 2 – Answer Questions at pages 12, 13, 15, 16, 17, 19, 20.
- Maths : 1. Make a project on Trigonometry. (8-10 pages)
2. Revise all the chapters done in the class.
- Evm : Prepare case studies on the following topics in a separate file.
1. water – borne disease – Malaria.
 2. Volcanic eruption in Montserrat.
- Economics : Activity Chapter 2-
Identify two forms of land that are used by paper mill.
Activity Chapter 3
In each of the following cases, consider what might be the opportunity cost.
- a. A person waiting to buy fruit, decides to buy apple.
 - b. A person decides to study economics at a University.
 - c. A factory built on farmland
 - d. A woman has a television set which cost her Rs. 800 2 yrs ago.
A new set would cost her Rs. 10000 & she could sell her television set for Rs. 450. What is opportunity cost of keeping the old television?
- Accounts : Make a project on Accounting Principles and Rules.

- Computer Science-** (i) Create a presentation in Power point with title slide named as “My Country” with features Bold and Underline.
- (ii) Write 5 to 10 points about your country (main features), each in different font size, style and colour.
 - (iii) Apply design to the slide of your choice.
 - (iv) Paste pictures related to points on slide.
- (1) Log on to Internal and find out information on different types of storage devices of a computer and prepare a writ up in MS word, get it printed and paste in your C.W. copy.
- (2) Define these terms in short – CPU, Primary storage, Secondary Storage Peripheral devices, Registers, Buffers/cache modem, Worm, Data base, Record.

Coordinator

