

THE ASIAN SCHOOL, DEHRADUN
HOLIDAY HOMEWORK FOR WINTER VACATION 2011 FOR CLASS X

- English** :
- Topic – Julius Caesar**
 Presentation of the project – (To be done in project file sheets with a cover page)
 Page 1 – Index
 Page 2 – Acknowledgement / my experiences while doing the project.
 Page 3,4 – A brief introduction about William Shakespeare (with a famous poem written by him and his picture)
 Page 5, 6, 7, 8 – Character sketch of Julius Caesar, Marcus Brutus, Cassius, Mark Antony (with pictures)
 Page 8 – The moral value conveyed by Shakespeare in the play Julius Caesar.
 Page 9 – Bibliography / References (Refer site – www.sparknotes.com)
 (Hints for writing character sketch) – Name and roll of the character, description of the character – as suggested by the author, as perceived by other characters, as perceived by the reader ie you, nature / behavior of the character as suggested by the author, as observed by other character in the play, as perceived by the reader ie you, Quotes / lines from the story which justify the behavior / nature, incidents / situations which reveal the nature of the character.
- Hindi** :
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- Maths** :
- Acitivity-10**
 To represent quadratic polynomials geometrically.
Acitivity-18
 To find the surface area and volume of combined solids by activity method.
 NCERT:- 1- Application of Trigonometry
1. Quadratic equation.
 2. Arithmetical progression
 3. Circle
- Science** :
- Acitivity Work:-** Prepare a working model on science (Physics, Chemistry, Biology) The model should be depict the basic principle/ law of the topic selected.
 Each group to prepare project report and a power point presentation also.
Written Work :-
Physics : 1.Place a coin at the bottom of a bucket filed with water with your eye to a side above water, try to pick up the coin in one go. Did you succeed in picking p the coin? Repeat the activity why did you not succeed in doing it in one go? Ask your friends to do this compare your experience with their?
 2. Take a thick sheet of card board and make a small hole in the middle. How sunlight to fall on the hole. This given a narrow beam of white light. Now take a glass prism and allow the light from the slit to fall on one of its face. Turn the prism slowly until the light that comes out of it appears on a nearby screen. What do you observe? You will find a beautiful band of colours. Why does this happen.
 3. Answer the following questions.
 a. Why does the sky appears blue?
 b. Why does sun appears reddish at the time of sunset and sunrise?
- Chemistry :-** Solve the exercise of carbon compounds chapter (NCERT book) in chemistry homework notebook.

- Biology :** 1. What are Biodegradable and Non-biodegradable substances. Give two ways in which biodegradable and Non-biodegradable substances would affect the Environment.
2. Use Internet or library to find out more about biodegradable and Non-biodegradable substances. How long are various non-biodegradable substances expected to last in our environment.
3. These days, new types of plastics which are said to be biodegradable are available. Find out more about such materials and whether they do or do not harm the environment.

NOTE :- Do this Activity in Homework notebook. Make the activity investigatory by pasting pictures, newspaper and magazine cuttings etc.

Social Studies : **History/ Civics :** Prepare a file.
Instructions – It should not be more than 15 pages. work should be done neatly.
It should consist of the following contents.

Acknowledgement

Index

Introduction

Colourful pictures

Bibliography

Topic – “ Role of Mahatma Gandhiji in the growth of Nationalism”
(His early life, Methods and Mass Movements)

Economics : Positive and negative effects of globalization on our countries economy.

Disaster Management : Make an investigatory project report on “Disaster Management” emphasizing the following points-

- i. Earthquake (an Introduction)
- ii. Causes of Earthquake
- iii. Earthquake prone areas of India
- iv. Destruction and changes caused by Earthquake
- v. A case study
- vi. Preventive measures to cope up with the Earthquake hazard
- vii. Practice of precautionary drill
- viii. Importance of precautionary drill.

Computer : Design a web page on any of the following topics and store in a CD.
1. Advertisement of any product
2. Booking window
3. Menu card of a Restaurant
4. Sports
5. Celebrity

NOTE :- More than one web page can be created but they have to be linked.

SUPW / Drawing : Make a pen stand with waste material & decorate it.
Make a painting on wild life animals of the drawing sheet ie half imperial size.

GAMES & SPORTS - Make a Project file on Football.