

**THE ASIAN SCHOOL, DEHRADUN**  
**HOLIDAY HOMEWORK – WINTER VACATION 2012-2013.**  
**CLASS X**

**English-** (Work to be done in the activity copy)-

a) Watch the whole play “Julius Ceaser’ written by William Shakespeare in the youtube. Write paragraph summary of 100 words of each act.

(Browse website-www.spartkotes.com)

**Maths-** 1. Do the two activities on the following topics.

- a) Activity based on Height and distances.                      b) Activity based on Probability.

Note- a) Do the activities in a activity file. b) Presentation to be done neatly.

**Science**

**Physics-** H.W. to be done in homework note book.

Q1. Draw the ray diagrams of the images formed by a convex lens when object is placed.

- i) Between f and lens.                      ii) at f.                      c) between f and 2 f.  
iv) at 2 f.                      v) Beyond 2f.                      vi) at infinity

Q2. Draw the ray diagrams of the images formed by a concave lens when object is placed –

- i) anywhere between optical centre and infinity.  
ii) At infinity.

**Chemistry-** H.H.W. to be done in Homework copy.

Prepare a project on the development of periodic table mentioning the contribution of various great Scientists. Viz- Deboreneir, Newland, Mendeleev, Lothar – Meyer, Modeley etc.

Also mention that features of modern periodic table with special reference to Groups, Periods, variation in Periodic Properties viz-Atomic radius, Electro, negativity Ionization Potential, Electron affinity, Metallic and non metallic character, give graphical representation of these. Prepare crossword puzzle. Covering 12 points for periodical table and prepare the same.

**Biology-** Work to be done in homework notebook.

Make an investigatory project report on “Biodegradable and Non-biodegradable substances”. Emphasizing the following points-

- i) What are Biodegradable and non-biodegradable substances. Name their sources.  
ii) Suggest ways of dealing with biodegradable substances.  
iii) How long are various biodegradable substances expected to last in our environment.  
iv) Find out how plastics are recycled. Does the recycling process have any impact on the environment.  
v) Find out how plastics are recycled. Does the recycling process have any impact on the environment.  
vi) 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 engironment.

**Instructions-** Make the project investigatory with newspaper cuttings, concerned pictures, graphical representation, data analysis etc..

**Social Studies**

**History/ Civics-** Imagine your self to be the leader standing for the Lok sabha election 2014. Prepare

- a) A manifesto for your political party.  
b) Draw your party symbol.  
c) Role of election commission during the time of election.  
d) Various campaigning methods used during the time of election.  
e) Make cartoons, slogans, banners used during the election campaigning.

Project should not exceed more than 12 pages. It should consist of  
Acknowledgement, index, bibliography.

**Geography-** Collect the information, pictures and details about one of the following-

- a) Agro based industries of India. b) Mineral based industries of India c) Non conventional sources of energy.

**Economics-** Write a survey report on a visit to a bank, find our the details regarding the various types of accounts that can be opened in the bank. Write down the procedure of opening an account is bank (attach an account opening forum); Even try to find out the procedure of taking a loan from bank.

**Disaster Management- Note: Project work to be done in the homework notebook.**

Make an investigatory project report on the topic “TSUNAMI” emphasizing the following points-

- i) Tsunami- The killer sea waves
- ii) Survival skills/ search and Rescue skills
- iii) Alternative communicative systems during disaster
- iv) Safe construction practices
- v) Role of local and state bodies in disaster management.
- vi) Community planning.

Instructions- Make your project investigatory with newspaper and magazine cuttings, original drawings/ pictures concerned, map work, graphical representation, data analysis etc.

**COMPUTER-**

ASSIGNMENT 1:

Create a file named `assignment_table.html` which displays the following table. Click the picture for a large image that you can print and draw lines on.

Day	Seminar		
	Schedule		Topic
	Begin	End	
Monday	8:00 a.m.	5:00 p.m.	Introduction to XML
			Validity: DTD and Relax NG
Tuesday	8:00 a.m.	11:00 a.m.	XPath
	11:00 a.m.	2:00 p.m.	
	2:00 p.m.	5:00 p.m.	XSL Transformations
Wednesday	8:00 a.m.	12:00 p.m.	XSL Formatting Objects

The morning hours, anything before 12:00 p.m., appear in light yellow (#ffffcc). Afternoon hours, defined as 12:00-4:00 p.m., are in light green (#ccffcc). Evening hours, 5:00 or later, are in light blue (#ccccff).

The times must be right-aligned so that the colons line up. The topics must be centered. The names of the days of the week must be left-aligned. The table headings must use the `<th>` element. The table must have a cell padding of four pixels. The page must have a title (and a level one heading) of “XML in Three Days”

Remember to put a link in your `assignments/index.html` page that goes to `assignment_table.html`.

ASSIGNMENT 2:

For this assignment you will create a web page of your own design for **your school**. *It must include the following:*

Using the skills learned in class, you are to create a web page that focuses on **your favorite movie**.

**You will save your work in your HTML folder as “myschool.html” ---make sure “All Files” is selected when you save!**

Your web page **MUST** include the following (and **ALL** appropriate tags for your page to be functional):

1. Save your work as listed above (as "**MovieYourName.html**")
  2. **Title** - create your own!
  3. **Background COLOR**
  4. **3 Tables**
- 1st Table must contain the following:
    - **5 Rows** and **5 Columns (5x5)**
    - Use a Table **Border** of at least 3
    - Use **cellpadding** and **cellspacing**
    - Use **Column Span** (colspan) and **Row Span** (rowspan) to create **Column and Row Labels**
    - Use at least **two Fonts, two Font Colors** and **two Font Sizes**

2nd Table must contain the following:

- 3x3 (3 rows by 3 columns)
- **Border of 5**
- **Center** the entire Table
- At least **1 image**
- Change the background color of one ROW
- Change the background color of at LEAST TWO DATA CELLS
- *Make the above image a link to a page that RELATES to the subject of your table/page*

- - 3rd Table must contain the following (*should look similar to our Apple Pie example*):
    - **No Border**
    - **Center** the entire Table
    - **Background Color** for the entire Table
    - At least **1 image**
    - *Make the above image a link to a page that RELATES to the subject of your table/page*
    - An **unordered List** -type **circle** (containing at least **8 items**)

There should be an external link pointing to the school website <http://www.theasianschool.net/>

## HINDI

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- 4& ^ i n i f j p ; ^ , o a ^ o k D ; : i k r j . k & l a d / k r i k B k a d h i f j H k k ' k k ] m n k g j . k H l s n , o a i z u k h ; k l d k ; l d B a F k d j a , o a f y [ k A