

THE ASIAN SCHOOL, DEHRADUN
HOLIDAY HOMEWORK FOR SUMMER VACATION 2011 FOR CLASS IX

- English** : **Note : English Holiday homework to be done in Activity Copy.**
(i) "Ours is a world of advertisements". The electronic and print media has an advertisement galore. Most of these ads are misleading and false. Should there be a check on what they claim? Draft an article in 250-300 words. Paste relevant pictures. **(ii)** You feel that the facilities for tourism can be improved in India. Write a letter to the Secretary, Department of Tourism of your state highlighting the need for improving facilities for tourists to promote the same. Also suggest some facilities that can be provided. **(iii)** Write a bio sketch of the person whom you consider as your role model. (Word limit 100–150 words). Paste relevant pictures.
- Hindi** : **1-** dkj pljh dh f'kdk; r djrs gq Fkkuk/; {k dks , d i = fyf[k, A **2-** [kksZ gPz oLrq ykS/kus ds fy, fd l h vifj fpr dks , d /ku; okn i = fyf[k, A] **3-** 'l e; fd l h dh ir h {kk ugha djrk^ vki bl dFku l s dgk W r d l ger g& fo'k; ij , d 250 'kCnka dk ys[k fyf[k, A] **4-** dksZ i kPb dforK, Wfy [k dj mUga gkoHko ds l kFk ; kn Hkh d j A **5-** l ekpj i = l s yxHkx 150 'kCnka ds nl x | k'k fpi dkb, rFkk iR; d ij i kPb iz u cukb, A **6-** etnj dh vRRedFkk fyf[k, A
- Maths** : **1. Activities** : **(i)** To derive the formula for Area of Rhombus, **(ii)** Verify the identity $(a+b)^3 = a^3 + b^3 + 3ab(a+b)$, **(iii)** To study the relation between unequal sides of a triangles and the angles opposite to them. **2.** Solve the question paper of FA – 1 **3.** Make a formula diary from the NCERT text book. **4.** Solve the MCQ Paper.
- Science** : **Physics : Activity 1** : Have you ever experienced that the train in which you are sitting appears to move while it is at rest? Discuss and share your experience.
Activity 2 : At a time when it is cloudy, there may be frequent thunder and lightning. The sound of thunder takes some time to reach you after you see the lightning. (a) Can you answer why this happens? (b) Measure the time interval using a digital wrist watch or a stop watch. (c) Calculate the distance of the nearest point of lightning. [speed of sound in air=346 m/s]
Chemistry : **(i) Prepare a project report on various samples of** (a) a mixture, (b) a compound, (c) an element [metal and non metal], (3 of each category) highlighting the main characteristics features of elements, compounds & mixtures. **(ii)** Prepare a report on 4th & 5th state of matter.
Biology : **(i)** Make a scrap book and paste five samples each of cereals, pulses and oil seeds. **(ii)** Identify the seasons of their sowing and harvesting.
- Social Studies** : **His/Civ : Instructions** : **(i)** Total length should not exceed 15 pages, **(ii)** Projects should be handwritten. **(iii)** Cover page with the topic written on it, **(iv)** List of contents with page number, **(v)** Acknowledgement, **(vi)** Project overview (purpose, aim, methodology, pictures), **(vii)** Conclusion, **(viii)** Bibliography.
Most newspapers have an editorial page. On that page the newspaper publishes its own opinions about current affairs. The paper also publishes the views of other writers and intellectuals and letters written by the readers. Follow any one newspaper for **one month** and collect editorials, articles and letters on that page that have anything to do with **democracy**. Classify these into the following categories : (a) Constitutional and legal aspects of Democracy, (b) Citizen's rights, (c) Electoral and party politics, (d) Criticism of democracy.
Guidelines : The students to do this assignment themselves by choosing any one of the newspapers and collect editorials, articles and letters about democracy. Collect some information about Adolf Hitler and write a short essay on his personality and work.
Geography : **(i)** Write the importance of conserving Wildlife. **(ii)** Collect pictures of 10 Wildlife animals and write about each of them in 200 words.
DM : Make an investigatory project, report on "DISASTER MANAGEMENT" emphasizing the following points : **(i)** What is Earthquake?, **(ii)** Cause of Earthquake, **(iii)** Preventive Measures, **(iv)** Earthquake drill practiced in the school, **(v)** Importance if Earthquake drill, **(vi)** A case study
Economics : Prepare a project on Green Revolution in India, highlighting the effect on the production of crops and use of modern agriculture method.
- Computer** : **1.** Prepare a scrap book about different parts of computer. Describe those parts also.
- P.E.** : Major accidents which cause death in rural and urban areas.
- Work Education:** Prepare a project report on Bee-Keeping, bottling and marketing of Honey.
- Art Education** : Make a self made stencil of a figure or landscape and get a print out of it by spraying colours in your Art File.

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

- English :** **Note : English Holidays homework to be done in Activity Copy.**
 (a) Write an article in about 350-400 words on some interesting career options for youngsters these days. Paste relevant pictures too, (b) Imagine that you have come back from an educational tour to any country of your choice. Write a letter to your friend telling him / her, the details about the country and your experience, (c) Write a bio sketch of the person whom you consider as your role model. (Word limit 100-150 words) paste relevant pictures.
- Hindi :** **1-** vki ds , d l gikBh dks d j dh chekjh gks xbz gA og cgr xjhc gA LFkkuh; l ekpkj i= ds l Eiknd dsuke , d i= fyf[k, ftl eaml dh l gk; rk dsfy, /ku , d= djus dh ckr dh xbz gA **2-** vki dh cMh cgu dks 'kdkdk; l djus ds fy, l Eekfur fd; k x; k gS rFkk vkxa dh i < kbz fonS'k ea djus ds fy, Nk=ofRr Hkh feyh gA viuh id l urk 0; Dr djrs gq c/kkbz i= fyf[k, **3-** ^[ksy ds ek/; e l s l g; kx] i e] , drk rFkk R; kx dh Hkkouk, Wfodfl r gksh gA fo'k; ij , d fucl/k fyf[k, **4-** fe= cukus dh dyk l sykHk rFkk fe= cukrs l e; /; ku ea j [kh l ko/kkfu; ka ds l Ecu/k ea , d fucl/k fyf[k, **5-** i k b gkL; j l dh dfork fy[kdj mlga; kn dhft, **6-** l ekpkj i= l s dkbz i k b 150 'kCnka ds x | k k dkVdj viuh d k W h ea fpi d kb, rFkk i R; d ij i k b i k b izu fyf[k, A
- Maths :** **Note : Do the following activities in the Activity Note Book.**
 (i) To construct a sample height estimator and use it to estimate the height of a distant object, (ii) To verify the basic proportionality theorem. Using parallel lines board and triangle cut outs, (iii) To verify "the ratio of areas of two similar triangles is equal to the ratio of the square of their corresponding sides, (iv) To verify the Pythagoras theorem by the method of paper folding, cutting and pasting, (v) To draw a cumulative frequency curve (or an ogive) of less than type and more than type.
- Science :** **Physics : Activity 1 :** Fix a sheet of white paper on a drawing board using some adhesive material. Place a bar magnet in the centre of it. Sprinkle some iron fillings uniformly around the bar magnet. Now tap the board gently. What do you observe?, **Activity 2 :** Activity 12.2 [NCERT] Page 205, **Activity 3 :** Activity 13.7 [NCERT] Page 230
Chemistry : 1. Prepare a detailed report on Types of Chemical reactions (20 each), **2.** Using a pH strip categories the naturally occurring substances as acids, bases & neutral compounds (water, coffee, onion peel, milk, mustard oil, lemon juice, carbonated drink etc) OR Prepare a detailed report on natural & man made acids.
Biology : Make an investigatory project report on "Diabetes mellitus" emphasizing the following points : **(i)** Diabetes mellitus and its cause, **(ii)** Symptoms of the disorder, **(iii)** Precautionary measures, **(iv)** Treatment of the disorder, **(v)** A case study
Instructions : **(i)** Write the project report on A4 size plain paper in your own hand writing, **(ii)** Paste concerned colourful pictures, cuttings from magazines and newspapers, data etc., **(iii)** The project should contain certificate, acknowledgement, index concerned information and Bibliography.
- Social Studies :** **His/Civ : Instructions :** **(i)** Total length should not exceed 15 pages, **(ii)** Projects should be handwritten. **(iii)** Cover page with the topic written on it, **(iv)** List of contents with page number, **(v)** Acknowledgement, **(vi)** Project overview (purpose, aim, methodology, pictures), **(vii)** Conclusion, **(viii)** Bibliography.
(i) Give an estimate of Charles Dickens as a novelist. **(ii)** Read one or two stories of Prem Chand. Write one in your own words. **(iii)** Describe the part played by Martin Luther in "Civil Rights Movement of America"
Geography : **(i)** Give the importance of River Valley Projects in development of Hydel power, **(ii)** On Map of India draw and explain : **(a)** Bhakra Nangal Dam, **(b)** Hirakud Dam, **(c)** Rana pratap Sagar Dam, **(d)** Tehri Dam
DM : Topic : Pocket Guide on First Aid. Prepare a pocket guide on first aid for your school. The first aid pocket guide should contain aid that needs to be given for fractures, poisoning, cuts, burns, heat and cold waves. The content shared in the guide should be supported with adequate pictures so as to give a clear and elaborate understanding about the topic.
Note : According to the new CBSE syllabus, there will be no Theory paper of Disaster Management. Only the evaluation of project work will be there. Hence, it is important that the projects are neatly prepared and submitted on time.
Economics : Prepare a project suggesting some measure to conserve energy resources in India.
- Computer :** **(i)** Make a scrap book on Internet, **(ii)** What is Networking? Explain the various types of Networks.
- P.E. :** Health hazards of modernization pollution.
- Work Education:** Prepare a detailed project report on the preparations of preserved food items like Jams, Jelly, Pickles, Tomato Ketchup etc.
- Art Education :** Make a collage work in your Art File with a variety of coloured papers / coloured printed pictures / photograph from magazines and newspapers.

THE ASIAN SCHOOL, DEHRADUN
HOLIDAY HOMEWORK FOR SUMMER VACATION 2011 FOR CLASS XII

- English** : **Vistas** : (i) Evans Tries an 'O' Level. Read the lesson and answer the questions that follow the lesson.
Advanced Writing Skills : (i) Using the guidelines below, write a report, appropriately titled : Successful capture / killing of a dreaded terrorist, date, place, time, reaction—world wide reaction of the extremists organization; likely fall out. (ii) Write a letter to the Editor of a local newspaper appreciating the good work done by the local Municipal Corporation lately to enhance their civic amenities in your area.
Note : (This assignment should be done in your Home Work notebooks)
- Hindi** : 1- 'कफयुह धि वल्लि लसमि दस दक; क्य; एा एफग्यक देप्लफि; का दस ल कफि फद, तकि जस हकन हकको इवक/क्रकड दस कजस एा फद ल ह इफर'Br नसुद लेकप्लि इ= दस ल अकनद दस इ= फ्य[क, A 2- वकि दस {क= एा हक'क.क ल व[कस दस दक.क एफ रकगि वल्लि जकुर दक; कड धि वि; कडरक धि वल्लि /; कु वक'V दजुरस ग्ग वीसुजक; दसे[; एा-ह दस इ= फ्य[क] रजुर दने मकसु दक वुगलक धि फत, A 3- ववरस ला डुर इफोकला धि ले; क वल्लि लेक/ककु इज, द 250 'ककनला दक फुल्ल/क फ्य[क, A 4- 'ेजस 'कगज एा इनक.क' फोक; इज, द कपुज फ्य[क, A 5- 'ुकजि ह दक हकजुरह; ल लदुर एा लफकु' फोक; इज, द कपुज फ्य[क, A 6- वक'कका नस[कहि क्ल नक'क/ुक इज, द फिजक/ फ्य[क, A
- Maths** : (i) Ch 3–Matrix & Ch 4–Determinants, (ii) Ch 2–Inverse Trigonometric function, (iii) Differentiation and its application, (iv) Solve question paper of UT 1. Solve all the worksheets of the above chapters.
- Physics** : (i) Solve NCERT Questions from Ch 3 : Current electricity, Ch 4 : Magnetic effects of Current
- Chemistry** : **Prepare a project report (investigatory) involving laboratory testing & collating information from different sources on any one of the following :**
 (i) Study of the presence of oxalate ions in guava fruit at different stages of ripening. (ii) Study of quantity of casein present in different samples of milk. (iii) Preparation of soyabean milk and its comparison with the natural milk with respect to curd formation effect of temperature etc. (iv) Study of the effect of potassium bisulphate as food preservative under various conditions (temperature, concentration, time etc) (v) Study of digestion of starch by salivary amylase and effect of pH & temperature on it. (vi) Comparative study of rate of fermentation of following materials wheat flour, gram flour, potato juice, carrot juice etc. (vii) Extraction of essential oils present in saunf (aniseed), Ajwain (carum), Illaichi (cardimoni) (viii) Study of common food adulterant in fat, oil butter, sugar, turmeric powder, chilli powder & pepper.
- Biology** : Make an investigatory project report on “Assisted Reproductive Technologies” adopted by infertile couples.
Instructions : (i) Write the project report on A4 size plain paper in your own hand writing, (ii) Paste concerned colourful pictures, cuttings from magazines and newspapers, data etc., (iii) The project should contain certificate, acknowledgement, index concerned information and Bibliography.
- Economics** : 1. Explain any three causes of increase in demand. 2. Difference between contraction of demand and Decrease in demand. 3. Explain any four properties of indifference curve. 4. Explain the relationship between total utility and marginal utility with the help of diagram 5. Explain the law of Equi Marginal utility. 6. Explain the law of variable proportion with the help of diagram. 7. Explain any six factors affecting the demand of the commodity. 8. State and explain the law of demand with the help of demand schedule and demand curve. 9. Differentiate between Micro and Macro Economics. 10. Explain with diagram the degrees of price elasticity of demand.
Activity : (i) Conduct a survey of 10 families to find out the demand of co operative society produced goods like (Pappad, milk, other products consumed by them)
 (ii) Conduct a survey of Indian Multinational Corporation companies which are doing various business activities outside India (from NET)
- Accounts** : 1. Solve all the practical problems from Accounts Book of “Book keeping and Accounts” by V.Wasan [Publisher S. Chand] of the following chapters : **Topics** : (i) Admission of new partner, (ii) Retirement of partner, (iii) Fundamental of partnership [Unit 2]

- B.ST** : 1. Select a business enterprise with which you are familiar. From your recollection of current events (events you may have read about in newspapers / magazines or have heard about a television or radio). Identify some of the important environmental forces which have had impact on this enterprises.
2. Make a brief report on change in working/performance of banking & insurance companies due to the privatization into this sector [or due the entry of private companies into this section]
- Computers** : 1. Write C++ programs implementing the following topics :
(a) Static variables, (b) Multiple inheritance, (c) Multi level inheritance, (d) Class and Object, (e) Virtual Functions, (f) Nested Structures, (g) Tertiary Operator, (h) Constructor, (i) Destructor, (j) Const functions.
2. Write DOS Internal Commands (any 5)
- P.E.** : 1. Answer Set 1 & Set 2 of question paper of Physical Education. 2. Detailed study on common Sports injuries. 3. Detailed study on Postural Deformities. 4. Detailed study on Sports Awards Conferred by Government of India. 5. Prepare a chart of various yogic postures. OR Prepare a chart of 5 yogic asanas highlighting the benefits of those asanas.
- Music** : Compile the following details in a project File. Use the search engines to find details as well.
(i) Definition : Alankar, Varna, Khatka, Murki, Gamak, Gram, Gharana, Murchana, Laya & Taal, Kann (ii) Classification of Raag & Time Theory (iii) Kaharwa and Dadra Taal, with brief introduction. (iv) Raag Bhimpalasi : Raag description and notation of Drut Khayal
- SUPW** : 1. Make a piece of Tie and Dye on 1 metre cotton cloth.
2. Make a design of concertina fold in your art file.
3. Prepare a decoration or utility piece out of waste material.

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- Work Education:** Prepare a detailed project report on the preparations of preserved food items like Jams, Jelly, Pickles, Tomato Ketchup etc.
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