

THE ASIAN SCHOOL, DEHRADUN
HOLIDAY HOMEWORK FOR WINTER VACATION 2010 FOR CLASS IX

English : The homework mentioned below has to be done in your language note books in neat and beautiful hand writing. You may also decorate the pages.

1. Write a letter to your pen-friend who has never visited your country and is very eager to know many things about it. In your letter describe its diversity, culture, religion, marriages people – their emotions attached to their mother land, its history etc. be as creative as you can.
2. Diary Entry : In your winter vacation you visited a hill station or any other vacation spot with your family for three days. Write about your experience day wise.

Hindi :

- 1- vki igukos dks vf/kd egRo nrs gâ ; k 0; fDr ds deks dka rdZ iwKz mRrj nhft, A
- 2- vius vki ikl dsfdl h , d s 0; fDr dk ifjp; nhft, ftl lsvki iHkkfor gq gka
- 3- fdl h Hkh 0; fDr dh os kHkk iFke feyu ds le; vki dks dgk rd iHkkfor djrh gS. fo'k; ea fucU/k fyf[k, & ftuds fuEu fclnwgka
 d- os kHkk vR; f/kd i Hkkfor djrh gS
 [k- l ekt dks ns[k ge Hkh blgha dks l gh ekurs gS
 x- v0; ofLFkr oL= iguuk vl H; rk dk l pd gS
 ?k- vkrj d xqkka dk egRo de gks x; k gS
 M- ckgjh ped l sgh pdk pkâk gks tkrh gS
 p- vkoj .k ds uhp fNih l PpkbZ dks ns[kuk ugha pkgrs
 N- pkj f=d xqkka dk egRo de gks yxk gS
- 4- D; k xkHkh th vS gekjs iFke jk'Vifr Mk-WjktBnz il kn] tks fd viuh os kHkk ds ifr tkx#d ugh Fls mudh os kHkk ds ifr tkx#d u gksuk D; k muds 0; fDrRo ea #dkoV cuk\ i{k@foi{k ea vius fopkj fyf[k, A
- 5- , d s dN 0; fDr; ka ds fp= viuh Okby ea fpidkb, ftUgks os kHkk ij /; ku ugha fn; k ij mPp dksV ds buI kuka ea mudh fxurh gsrh gS
- 6 ½ d ½ i kP , d s 'kCn nhft, ftuea, d lsvf/kd mil xZ yxs gka
 ¼ k ½ ; fn okD; ka ea dkjd fpguka ¼ j l xkz dk mi ; kx u gks rks D; k gksk\
 ½ x ½ 0; fDr okpd l Kk dk tkfr okpd l Kk ea iz kx dc gksrk gS mngj .k l fgr Li'V dhft, A
 ¾ k ½ fdl h , d h tkfrokpd l Kk dks fyf[k, ftl dk mi ; kx 0; fDr okpd l Kk ds #i ea gksrk gka
 ¾ M- ½ fo'k k ea fodkj dc vkrk gS mngj .k l fgr l e>kb, A
 ½ p ½ i kP , d sleLr in <Wdj fy[ka tks de&/kkj; rFlk cgcfrg nskuka ea l eku #i ea ik; stkrsgka
- 7- vki 73@40 y.<kj cktkj eljh ds fuokl h fot; vjksk gA vki ; fu; u cbl ea viuk [krk [kkyuk pkgrsg cbl eustj dsuke , d i= fyf[k, A
uk %l Hh dk; Zikt DV Okby eafd; k tluk pfg, A

Maths : **Note : In a separate thin note book.**

Ex. 18.1 - Q1 to Q15
 Ex. 18.2 - Q1 to Q20
 Ex. 19.1 - Q2, Q4, Q6, Q8, Q10, Q12, Q14
 Ex. 19.2 - Q1 to Q20
 Ex. 20.1 - Q9, Q16, Q19, Q21, Q23
 Ex. 20.2 - Q1 to Q10
 Ex. 21.1 - Q5, Q7, Q10, Q12
 Ex. 21.2 - Q10, Q13, Q16, Q21, Q22, Q28
 Ex. 22.1 - Q7, Q9, Q15, Q18, Q19, Q21, Q23
 Ex. 23.1 - Q1 to Q10
 Ex. 24.1 - Q1 to Q10
 Ex. 24.2 - Q1 to Q5
 Ex. 24.3 - Q1, Q10, Q13
 Ex. 25.1 - Q1 to Q10
 Ex. 13.1 - Q1 to Q4
 Ex. 13.2 - Q1 to Q8
 Ex. 13.3 - Q1 to Q5

Contd. On pg. 2

1. Note the frequency of two wheelers, three wheelers and four wheelers going past during a time interval, in front of House gate. Find the probability that any one vehicle out of total vehicles. They have observed is a two wheeler.
2. You were asked to prepare a frequency table regarding the blood group of 20 families of your colony. Use this table to determine the probability of a person of this colony selected at random has blood group O⁺.

Science : **Physics** : 1. Make a list of different types of musical instruments and discuss with your friends which part of the instrument vibrates to produce sound.
 2. Explain with the help of an experiment that sound can make a light spot dance.
 3. Suppose you and your friends are on the moon. Will you be able to hear any sound produced by your friend. Explain.

Chemistry : Describe the Thomson's model of an atom and the Rutherford's model of an atom along with related diagrams in your Chemistry Homework notebook. Practice the mole numericals given in chapter 3 in Lakhmir Singh Book and NCERT Book in your Chemistry homework notebook.

Biology : Collect five pictures each of all the classes of vertebrata and paste them in a scrap book. Write at least five characteristics of each class. In the above question it is compulsory to paste following pictures :

- (a) In class pisces, at least two pictures each of bony and cartilaginous fishes.
- (b) In class Aves, at least two pictures of flightless birds.
- (c) In class Mammalia, at least one picture each of egg laying mammal, flying mammal, aquatic mammal and marsupial.

Social Studies : **Economics** : Make a project on "Food corporation of India" in your Economics class work copy. (Introduction, objectives, functions, achievements, present scenario etc) use pictures, diagrams, dates, graphs etc.

His/Civ : Prepare a project report on the life of Tribal people and the forest. Select any one tribal community from Maharashtra or Rajasthan. Write a life history about them.

OR

Prepare a project on the history of Indian Cricket.

Project should consist : (Introduction, acknowledgement, index, content, pictures, bibliography)

Note : Project should be made neatly and written in a good handwriting.

Geog : 1. Find ten occupations getting raw material from forest and wildlife. Even you can include plant with Medicinal value

2. Write an essay on "Importance of tree plantation".

3. Write a poem showing "Importance of Wildlife".

Computer : 1. Prepare a mark sheet in MS-Excel for 20 students, marks of subjects should be entered by you, then calculate total and average and on the basis of average calculate grade by following conditions :

If avg > 90	A+ grade
avg > 70 and avg < 90	A grade
Avg > 60 and avg < = 70	B grade
Avg > 45 and avg < = 60	C grade
Avg < = 45	Fail

2. Write a letter in word to your friend telling about activities, whatever you did in vacations.

SUPW : Make a landscape painting with paper tearing size 14" x 22" on chart paper