

Kendriya vidyalaya Paschim Vihar New Delhi

CLASS X- SCIENCE SUMMER HOLIDAY HOME WORK

1. Prepare lab manual note book and write all 10 experiment(as guided).
2. solve all numerical from chapter 12, all diagrams from chapters 6 and all equations from chapter 1 in a separate copy.
3. prepare a working/non-working model or a chart on any topic from your syllabus.
4. Read, learn and understand chapter 1,6,12 with all question and in NCERT with extra questions.
5. prepare indicators at home from extracts of red cabbage leaves and soda acid, fire extinguisher as given in your book on page no.36.

कक्षा-दसवीं (हिंदी)

जितना पाठ्यक्रम अभी तक कक्षा में करवाया गया है, उसका अभ्यास कीजिए |
निम्नलिखित विषयों पर लगभग 200 से 250 शब्दों में निबंध लिखिए –

(क) 'मन के हारे हार है मन के जीते जीत |'

(ख) राष्ट्र निर्माण में युवा शक्ति का योगदान |

सड़क-दुर्घटनाओं को रोकने हेतु अपने सुझाव देते हुए किसी दैनिक समाचार पत्र के संपादक को पत्र लिखिए |

पर्यावरण के प्रति जागरूकता बढ़ाने के लिए एक विज्ञापन तैयार कीजिए |

हिन्दी साहित्य की उत्कृष्ट रचनाएँ पढ़िए | गद्य की इन विधाओं में उत्तम रचनाओं का संकलन भी कीजिए-

कहानी, रेखाचित्र, व्यंग्य, लघुकथा, एकांकी ।

CLASS-X (S.St.)

1. Prepare a project on the topic "Role of women in the social development of Jammu and Kashmir".

The following steps to be taken for writing the report of project work-

a) **Data** -collection or survey.

b) **Analysis of data**- Qualitative and Quantitative.

c) **Reporting**(writing).

d) **Conclusions/predictions**.

e) **Acknowledgement**.

f) **Bibliography**-mention all references.

g) A certificate in the beginning claiming that the work is originally signed by students, teacher guide and principal.

Project work should include the following

Project should be a group work of 2 to 5 students. The compilation of report should be specifically of 20 to 25 pages. Project should include photographs, illustration, drawing, graphs etc. The main contents of Project should be primary data.

Note:-Project work doesn't include the following.

Preparation of charts or models and copying material from text -books/books are not included in the project. Copying material from text-books or taking print out from internet, cut and paste information from internet should not be included.

2. Read and revise lessons from text books as under-

Geography—

Chapter-2-Forest and Wildlife

Chapter-3-Water Resources

Democratic politics-

Chapter 3—Democracy and Diversity

3. Prepare a project on any one topic of “DISASTER MANAGEMENT.”
4. Learn the following lessons taught for the periodic test-1-

Geography-chapter 1-Resources and Development

Economics-chapter 1-Development

Democratic Politics- chapter 1 –Power Sharing

History-chapter 1- The Rise of Nationalism in Europe

[CLASS : X] [SUBJECT : MATHEMATICS]

(1) Perform following activities in “Laboratory Manual in MATHEMATICS”

S.NO.	ACTIVITY
1	To find HCF of two given numbers experimentally based on Euclid’s Division Lemma.
2	To obtain the condition for consistency of a system of linear equations in two variables by graphical method
3	To verify that the medians of a triangle concur at a point (centroid), which always lies inside the triangle.
4	To verify Basic Proportionality Theorem using parallel lines and triangle cut outs.
5	To Verify Pythagoras Theorem by method of paper folding, cutting and pasting.
6	To verify that the sum of first n natural numbers is $n(n+1)/2$.
7	To verify that length of tangents drawn from an external point, to a circle are equal by using paper cutting, folding and pasting method.
8	To verify that the sum of areas of three sectors of same radii (r) formed at the vertices of any triangle is $\pi r^2/2$, using paper cutting and pasting method.
9	To give the suggestive demonstration of the formula for the volume of a right circular cylinder in term of its height and radius of the base circle.
10	To give the suggestive demonstration of the formula for the volume of a right circular cone.

(2) Solve all examples of chapters : (i) Real Numbers, (ii) Polynomials & (iii) Pair of linear equations in two variables from NCERT book.

(3) Complete the all assignments based on following chapters through “KHAN ACADEMY” using website www.khanacademy.org before due dates (given in assignment). Login using your username & Password provided by the subject teacher only. You may use KHAN ACADEMY app available on play store for mobiles.

(a) CHAPTER : REAL NUMBERS

(b) CHAPTER : POLYNOMIALS

(c) CHAPTER : PAIR OF LINEAR EQUATIONS IN TWO VARIABLES

CLASS: X SUBJECT: ENGLISH

1. Make a beautiful bookmarks for your English notebooks. Decorate it and write a famous quotation of some poet or author.
2. Make a collage of various crops of different seasons.
3. Fill in the blanks choosing the most appropriate option from the one given below:

I. They ordered the poor man about, a) _____ him on errands, made him wash b) _____ cow and lectured ton him c) _____ how to grow a garden.

a) i) send ii) sent iii) sending iv) sender

b) i) a ii) an iii) some iv) the

c) i) over ii) from iii) on iv) in

II. He screamed so loudly the pigeons pecking a) _____ the scattered grains in b) _____ courtyard c) _____ off in furry.

a) i) on ii) at iii) over iv) in

b) i) the ii) a iii) an iv) some

c) i) take ii) takes iii) took iv) taking

III. There is a general belief a) _____ students that b) _____ who write long sentences get c) _____ marks. It is a myth that d) _____ be exploded.

a) i) in ii) of iii) among iv) between

b) i) they ii) those iii) all iv) them

c) i) more ii) many iii) most iv) much

d) i) will ii) should iii) must iv) can

4. Rearrange the following group of words or phrases to form meaningful sentences:

I. a) work and play/ things/ different/ parents see/ as two

b) is a / of time/ they/ waste /think/that playing

c) important/ games/ studies/ are as/as

d) a student/to both/proper/should/ attention/pay

e) can/ life/ only/ succeed/ he/ in /then

II. a) algebra and/ a week/ me / geometry/ twice/ he taught

b) very poor/ subjects / I was/ In these / earlier

c) very/ now/ proficient/ have become/ in them / I

III. a) can be/ two/ blamed/ persons/ the murder/ for

b) to the/ there are / culprit/ many clues/ real/ pointing

c) the/ find/ murderer / who/ real/ out is

d) murderer/ be must/ given/ exemplary/ an/ punishment/ every

5. Read the given extract and answer the questions that follow:

Some say the world will end in fire

Some say in ice

From what I've tasted of desire

I hold with those who favour fire.

- a) What do some people say?
- b) What do others say?
- c) What has the poet tasted?
- d) Whom does the poet support?

6. A newspaper reader in Delhi wants to write a letter to the editor of a local newspaper about the increasing awareness of health and diet. The table given below shows some changes from 1999 to 2009. Using information together with your own ideas, write a letter to the editor of a daily newspaper.

- Yoga & health clubs

- People using refined oil

-People going for morning walk

-People going for regular health check up

- Awareness programmes

-Role of advertisements

-Death rate

7. Learn all the chapters done so far.

Summer Holidays Homework-2019-20

Class-X

Subject: IT

Q1.Create a presentation (10-12 slides) on any one of the following topics.

- School Annual Day function.
- Sports Day.

Creating Presentations.

While making the presentations use the following features based on the presentation guidelines learnt earlier. • Use Transition effects for slides. • Use Animation effects for text and objects. • Group related pictures. • Use tables and format them with different table styles. • Use charts to represent data in graphical form. • Download and use templates.

Bring the ppt in a CD.

Q2.Create a list of all your personal expenses made during the month and calculate the total expenses using the autosum function 3. Create a list of names of the month and holidays in that month. Add and calculate the total number of holidays in a year using the autosum function

Q3. Open a new document. Search for "Birthday Balloons" in Clip Art. Select one from what is made available and make a one page birthday card for a family member

Q4. List any 5 popular services available over the internet.

Q5. Surf the net and find at least 5 educational websites.

Q6. Prepare the project on importance of flora and fauna in our environment.

- i) Header and footer
- ii) Making borders around the page
- iii) Using image of clipart
- iv) Using art style
- v) Insert page number
- vi) Using spell check through autocorrect

7. Read the points given below, very carefully. Now, construct them into a paragraph:

- Taking a walk in the park.
- Saw some people playing badminton.
- Sat down and watched.
- Realized one of the players was an old classmate.
- Called out to her.
- She came to me.
- Told me she was my classmate's twin.
- I apologized.
- She asked me to join their game.
- I agreed.
- Enjoyed a nice round of badminton with them.

