

KENDRIYA VIDYALAYA KATHUA

HOLIDAY HOME WORK FOR SUMMER VACATION 2022-23

CLASS – VI-A&B SUBJECT – MATHEMATICS

1. To learn and write in separate Holiday Home Work Note-Book Multiplication Tables from 2 to 20.
 2. To Solve and write in Holiday Home Work Note-Book Exercises 1.1, 1.2, 2.1, 2.2. Question number 1 and 2 of Exercise 3.1. Question number 1, 2, 4 and 12 of Exercise 3.2. Exercise 3.7 complete.
 3. Prepare one model of mathematics on any topic of your choice and submit to your subject teacher after vacations.
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Holiday homework (summer break) class 6 Subject -SSt

1. Learn and write chapter 2 history in your fair notebook.
2. Learn chapter 1 from History, Geography and Civics.
3. On a chart paper draw colourful diagrams of the tools and weapons of early humans.
4. On a chart paper draw any 1 place of worship (Temple, Mosque, Church, Gurudwara) and decorate it with waste material.
5. Make a model of solar system. You can give it a working look.
6. Write about the culture of paired state ie Tamil Nadu.
7. Read an English newspaper daily and learn 3 new words daily.

- What do you feel about homework. Do you think it is useful, even though you may not like it ?
 - Do you have a pet? If not, would you like one . How would you look after it? Are you for or against keeping birds or pets in a cage ?
 - Creative writing
 - a) What do you want to be when you grow up?
 - Write forty (40) vocabulary words along with their synonyms and antonyms.
 - Make project
- TOPIC – CLEAN INDIA, GREEN INDIA.
- Revise syllabus of PT 1.

KENDRIYA VIDYALAYA KATHUA
HOLIDAYS HOME WORK

Class : VI

Subject: Computer

1 Prepare a chart on the topic “Classification of Computers”.

2 Write five points on your computer notebook which human beings can learn from computer.

3 Revise Chapter no. 2 and 3 of your computer book and solve all the exercises.

4 Write do’s/don’t while working in computer lab in your computer notebook.

KENDRIYA VIDYALAYA KATHUA
HOLIDAY HOMEWORK
SCIENCE
CLASS VI

1. Conduct a survey for 10 families around you about what kind of food they eat. Then categorise those families into families that take balanced

diet and families that do not take balanced diet. (collect the data and arrange in tabular form).

2. Prepare a list of food items you commonly eat and find out (through tests, books, encyclopaedia or internet resources) major nutrients contained in them and check if you are missing on any essential nutrient.

3. List 5 plants and their parts that are eaten as food(paste pictures).

4. Prepare a diet chart for a 12 year old student.

5. Revise ch-1 and 2.

6. Write the deficiency diseases its causes and symptoms in a tabular form on A4 sheet.

7. Grow 5 grains through sprouting. Paste picture also.

8. Skills and application-based questions:

(i) Ravi had weak eyesight. He had difficulty in reading and writing. He went to a doctor. The doctor asked him to increase the intake of green vegetables. Why do you think the doctor suggested him this? (ii)

Separate the insects, dead worms and excreta of rodents in rice and wheat, husk and wheat grains, coffee powder from coffee seeds, mixture of cooking oil, sand and water.

9. Ask the students to gather information about countries facing shortage of food, its causes and effects through newspapers, magazines and internet.

KENDRIYA VIDYALAYA KATHUA
HOLIDAY HOME WORK FOR SUMMER VACATION 2022-23
CLASS – VII-A SUBJECT – MATHEMATICS

1. To learn and write in separate Holiday Home Work Note-Book Multiplication Tables from 2 to 20.
2. To Solve and write in Holiday Home Work Note-Book Exercises 1.1, 1.3.Question number 1, 2 and 3 of Exercise 1.4. Exercise 2.1. Question number 3, 5, 6, 7 and 8 of Exercise 2.2.Question number 5, 6 and 7of Exercise 2.3. Exercise 2.5, 2.6 and 2.7 complete.
3. Exercise 3.1 and 3.2 complete.
4. Prepare one model of mathematics on any topic of your choice and submit to your subject teacher after vacations.

KENDRIYA VIDYALAYA KATHUA
Class 7TH A
Session 2022-23 Holidays Homework

SUBJECT:- SST

1. Learn chapter no. 1 from history, civics, and geography
2. map work:-On the outline political map of India show the Indian states and UTs and their capital cities(5times)
3. Learn and write all the Indian states and their capitals.
4. Read and understand chapter no.2 of history and civics
5. Make a colorful drawingbased on prevention of environmental pollution. Also share it with friends, family and relatives on world environment day 5th June.
6. Project –prepare a project report on the topic culture of Tamilnadu

CLASS – VII

Subject: English

- If you want to give away something of your own to the needy, would it be better to ask your elders first?If yes,why?If not, why not?
- Why is it good to have rebels?

- Write a paragraph on 'THE DESERT'. (100-150 words)
 - Creative writing
 - a) A walk in the woods.
 - b) My strengths and my weaknesses.
 - Write fifty (50) vocabulary words along with their synonyms and antonyms.
 - Make project
- TOPIC – MY FAVOURITE SPORTSPERSON.
- Revise your syllabus of PT 1.

CLASS: 7A
SCIENCE HOLIDAY
HOME WORK

- Write and learn keywords, exercise question answers of chapter – nutrition in plants
chapter 2: nutrition in animals, chapter 3: fibre to fabric, chapter 4: heat.
- Students can do any one project mentioned at the end of the chapter from chapter 1 to chapter 4.
- All activities done in class to be completed.

KENDRIYA VIDYALAYA KATHUA
HOLIDAYS HOME WORK

Class : VII

Subject: Computer

- 1 List the name of objects in your computer notebook which are not supported to be taken in the computer lab.
- 2 Prepare a chart on the topic “Generations of Computer”.
- 3 Revise Chapter no. 2 and 3 of your computer book and solve all the exercises.
- 4 Prepare a model/Project related to computers of your own choice.

Class 8TH A

Session 2022-23
Holidays Homework

SUBJECT:- SST

1. Learn chapter no. 1 from history, civics, and geography
2. map work:-On the outline political map of India show the Indian states and UTs and their capital cities(2times)
3. Learn and write all the Indian states and their capitals.
4. Read and understand chapter no.2 of history and civics
5. Make a colorful drawing based on prevention of environmental pollution. Also share it with friends, family and relatives on world environment day 5th June.
6. Project –prepare a project report on the topic culture of Tamilnadu

KENDRIYA
VIDYALAYA
KATHUA CLASS: 8A AND
8B
SCIENCE HOLIDAY
HOME WORK

- Write and learn keywords, exercise question answers of chapter 1 - crop production and management, chapter 2: microorganism: friend and foe, chapter 3: synthetic fibre and plastics, chapter 4: materials: metals and non-metals
- Students can do any one project mentioned at the end of the chapter from chapter 1 to chapter 4
- All activities done in class to be completed.

KENDRIYA VIDYALAYA KATHUA SUMMER BREAK
HOMEWORK (2022- 2023)

SUBJECT – ENGLISH

CLASS - VIII

- Imagine you are Jim. You have returned to the town after the war. In your diary record how you feel about the changes you see and the events that occur in your town.
 - What one throws away as waste may be valuable to others. How ?
 - Write down sixty(60) vocabulary words along with their synonyms and antonyms.
 - Creative writing
 - a) My first day in school after lockdown.
 - b) How I helped the victims of covid-19.
 - Make project
- TOPIC – CHILD LABOUR
- Revise your syllabus of PT 1.

KENDRIYA VIDYALAYA KATHUA

HOLIDAYS HOME WORK

Class : VIII

Subject: Computer

- 1 Prepare a chart on the topic “Application areas of Computer”.
- 2 Revise Chapter no. 3 and 4 of your computer book and solve all the exercises.
- 3 Write do’s/don’t while working in computer lab in your computer notebook.
- 4 Prepare a model/Project related to computers of your own choice.

KENDRIYA VIDYALAYA KATHUA

HOLIDAY HOME WORK FOR SUMMER VACATION 2022-23

CLASS – IX SUBJECT – MATHEMATICS

1. To learn and write in separate Holiday Home Work Note-Book
Multiplication Tables from 2 to 20.

2. To Solve and write in Holiday Home Work Note-Book Exercises 1.1, 1.2, 1.3, 1.5 and 1.6. Chapter number 2 Polynomials complete.
3. Chapter number 4 Linear Equations in two variables complete.
4. Do the project work in your Project note-book neatly which will be provided to you in the Maths Whatsapp Group.
5. Prepare one model of mathematics on any topic of your choice and Submit to your Subject Teacher after vacations.

Holiday Homework(Summer Vacation)

Class- IX (Science)

1. What are cell organelles . Name them.
2. What is membrane biogenesis?
3. Name the type of plastids. Where they are found in plant cells?
4. Why is mitochondria called the powerhouse of the cell?
5. Why are lysosomes called the suicidal bags of the cell?
6. What is osmoregulation . How it is done in unicellular organisms?
7. Why is cell called structural and functional unit of life?
8. Why doctor advices gargles with salt solution during throat infection?
9. How does amoeba obtain its food. Name the process?
10. Draw the diagram of plant cell and animal cell. (Coloured and labelled)
11. Why do the doctor advices to put strips of wet cloth on forehead of a person having high fever?

12. The melting point of solids x,y and z are 298K, 314 K and 398 K respectively. Arrange them in the order of inter particle force of attraction.
13. Why do we feel comfortable under a fan when we are perspiring?
14. Why do solids have regular geometrical shape?
15. How does evaporation differ from cooling?
16. Describe an activity to determine the boiling point of water.
17. Water as ice has cooling effect, whereas water as steam may cause severe burn . Explain.
18. Why do we see water droplets on outer surface of glass containing ice cold water?
19. When 50 gram of sugar is dissolved in 100 ml of water, there is no increase in volume. Why?
20. Why do wet clothes dry quickly in sun than in shade?

**KENDRIYA VIDYALAYA KATHUA
HOLIDAYS HOME WORK**

Class : IX

Subject: Computer

1 Make a scrapbook. Collect pictures of objects which signify speed, storage, accuracy, versatility, diligence and paste them in your scrapbook.

2 Collect 10 articles from magazines/newspapers/Internet related to computer and paste it on the chart.

3 Write a short note on the following

a) Ethernet b) TCP/IP c)Topology d) Compiler e)
Interpreter f) MAC Address

g) Gateway h) Worm i) Trojan horse j) Antivirus

4 Prepare a model/Project related to computers of your own choice.

Class 9TH
Session 2022-23
Holidays Homework

SUBJECT:- SST

1. Learn chapter no. 1 from history, civics, and geography and economics
2. Read and understand chapter no.2 of history and civics
3. Make a colorful drawing based on prevention of environmental pollution. Also share it with friends, family and relatives on world environment day 5th June.
4. Project –prepare a project report on the topic culture of Tamilnadu

Kendriya Vidyalaya Kathua
Class:10
Science Holiday Homework

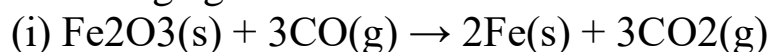
1. Draw neat and labelled diagram of the following (on A4 sheets, 2 diagrams on 1 sheet)

- A. Nutrition in Amoeba
- B. Human Alimentary Canal
- C. Human respiratory system
- D. Breakdown of Glucose by various pathways
- E. Schematic representation of transport and exchange of oxygen and carbon dioxide
- F. Excretory System in humans

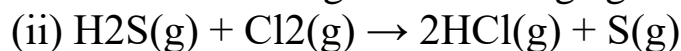
2. Balance the chemical reactions given in the separate pdf file. (In homework notebook)

3. Answer the questions on the basis of your understanding of the following paragraph and the related studied concepts. (In homework notebook)

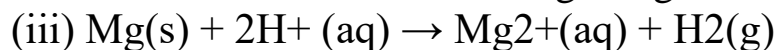
Redox reactions involves both oxidation as well as reduction. If we cut an apple, it turns reddish brown after some time because Fe^{2+} present in apple gets converted into Fe^{3+} by loss of electrons. Oxidation is a process in which loss of electrons takes place. Oxidation is carried out with the help of oxidising agent which can give O_2 or remove hydrogen or can gain electrons. Non-metals are good oxidising agents, KMnO_4 , $\text{K}_2\text{Cr}_2\text{O}_7$ are also good oxidising agent in acidic medium. Combustion is oxidation reaction. Reduction involve gain of electrons. Reducing agent can add H_2 or remove O_2 or can lose electrons. Metals are good reducing agents. Reducing agents are used in extraction of metals.



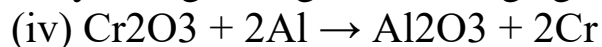
Name the oxidising and reducing agent in the above reaction.



Name the substances which are getting oxidising and reduced.



Why is Mg acting as reducing agent and H^+ ions are oxidising agent ?



What are types of above reaction?

4. Think of an innovative idea that can help to solve a daily life problem faced by people or related to sustainable use of natural resources. Make a working model based on this idea. Don't simply copy ideas from YouTube. Be innovative

5. Read and learn Chapter 1 and 6.

KENDRIYA VIDYALAYA KATHUA

HOLIDAY HOME WORK FOR SUMMER VACATION 2022-23

CLASS – X SUBJECT – MATHEMATICS

1. To learn and write in separate Holiday Home Work Note-Book
Multiplication Tables from 2 to 20.

2. To Solve and write in Holiday Home Work Note-Book Exercises 1.1, 1.2, 1.3 and 1.4 excluding deleted portion. Chapter number 2 Polynomials complete excluding Division Algorithm.
3. Chapter number 3, Pair of Linear Equations in two variables Exercise 3.1, 3.2 and 3.3 and 3.4 complete.
4. Exercise 4.1 and 4.2 of Chapter 4, Quadratic Equations.
5. Do the project work in your Project note-book neatly which will be provided to you in the Maths Whatsapp Group.
6. Prepare one model of mathematics on any topic of your choice and Submit to your Subject Teacher after vacations.

**KENDRIYA VIDYALAYA KATHUA
HOLIDAYS HOME WORK**

Class : X

Subject: Computer

- 1 Create a presentation on the topic “Adobe Photoshop”.
- 2 Prepare a chart on the topic “cloud Computing”.
- 3 Write a short note on the following
 - a) Network b) TCP/IP c) Gateway d) Hackers e) Optical Fibres f) Topology
 - g) Internet h) IP Address i) MAC Address j) GSM/CDMA
- 4 Make a scrapbook. Collect pictures of computer articles from magazines/ newspapers/ Internet and paste it on scrapbook.
- 5 Prepare a model/Project related to computers of your own choice.

**CLASS – XII
SUJECT: BIOLOGY
HOLIDAY
HOMEWORK**

- Write and learn extra question from chapter’s sexual reproduction in flower ing plants, human reproduction, reproductive health, principles of inheritance and variation.

➤ Draw well labelled diagram of the following

A) T.S of fanther

B) Structure of ovule

C) Dicot and monocot seed

D) Male reproductive system

E) Female reproductive system

F) Mammary gland

G) T.S Of seminiferous tubule

Investigatory project work must be completed.

Subject: Computer Science

Class :XII

- Create a word file including Question answer based on Python Basic –I,II including CBSE hot questions.
- Write 20 programs based on User defined functions.