

**KENDRIYA VIDYALAYA BSF RAISINGHNAGAR
SUMMER VACATION HOME WORK**

CLASS – I

MATHS

1. Write back counting from 100-1
2. Write and learn table from 2 to 10
3. Write Counting 1 to 100.
4. Write and learn numbers name 1 to 20.

Hindi

1. कौन कौन से जानवर झुण्ड मे रहते हैं ? किन्ही छः का नाम लिखो
2. वर्ण माला लिखो और याद करो
3. रोज एक कहानी पढ़कर उसका नाम कापी मे लिखो
4. रोजाना पाँच पंक्तियाँ सुलेख लिखो

English

1. Write alphabet in capital letter and small letter.
2. Make words from each alphabet (A to Z)
3. Learn two poem from textbook
4. Write 5 page cursive writing

EVS

5. Write 5 lines each on myself and my family
6. Write and learn-
 - 10 body parts name
 - 10 fruits name
 - 10 vegetable name
 - 07 colour name

KENDRIYA VIDYALAYA BSF RAISINGHNAGAR

SUMMER VACATION HOME WORK

CLASS - II

Maths

1. Write the back counting 100 to 1
2. Write and learn table 2 to 15
3. Draw Circle, Rectangle, Square, Traingle
4. Write the price per kg following –

Tomato

Pumpkin

Oil

Brinjal

Potato

Milk

EVS SUBJECT

1. Paste the picture of any 06 body part.
2. Write the name of your family members.
3. Grow a plant and take care of it
4. Paste the pictures of different places of worship, i.e. Temple, church etc

Hindi

1. कौन कौन से जानवर झुण्ड मे रहते हैं ? किन्ही छः का नाम लिखो
2. बाघ का बच्चा कविता लिखो और याद करो

3. वर्ण माला लिखो और याद करो
4. रोज एक कहानी पढ़कर उसका नाम कापी में लिखो
5. रोजाना पाँच पंक्तियाँ सुलेख लिखो

English

1. Learn and write following poems from your book

First day at school

I am Lucky

A Smile

Rain

Zoo Manners

2. Write 10 lines on my topic myself

3. Write and learn

Body Part Name

Color Name

Animals Name

Relationship Name

कला

1. योग दिवस पर चित्र बनाएं
2. विश्व पर्यावरण दिवस पर चित्र बनाएं
3. अपनी पसंद से 2 कार्टून कैरेक्टर बनाएं
4. प्रकृति का दृश्य अपनी कल्पना से बनाएं
5. जल संरक्षण पर एक चित्र बनाएं
6. 15 August और welcome ग्रीटिंग कार्ड बनाएं

Sports and games

- Q.1 सभी बच्चे किसी एक गेम के बारे में लिखेंगे
- Q.2 अंतर्राष्ट्रीय योग दिवस के बारे में एक पेज लिखिए
- Q.3 राष्ट्रीय खेल दिवस के बारे में एक पेज लिखिए
- Q.4 प्रतिदिन 30 से 40 मिनट योगा फ्री एक्सरसाइज अपने घर पर रहकर करेंगे

LIBRARY

- 1. Read Newspaper Daily
- 2. Make 1 book mark and 1 book cover.
- 3. Learn 1 New English word Daily
- 4. Write about your favourite comics character.

KENDRIYA VIDYALAYA BSF RAISINGHNAGAR

SUMMER VACATION HOME WORK

Class: III

Holiday homework of all the subjects should be done in separate 3 in 1 notebook.

Math

1. Learn and write 1- 100 names (spellings)
2. Learn and write 2 to 10 tables .
3. Draw the side , top and front view of any 5 objects .
4. Using the dot grid pattern draw the following figures. (a) a kite (b) a leaf (c) a flower (d) a boat (e) a star
5. Write down all the alphabets as their mirror image in notebook
6. Make 2 different kinds of masks.
7. Revise the chapter (Where to look from and Fun with numbers)

ENVIRONMENTAL STUDIES

- Q1. Everyday write two tough words and their meanings from your EVS textbook.
- Q2. Write the name of five animals from your surroundings and also draw the pictures of those animals.
- Q3. What are the differences between plant and animals, write any seven differences?
- Q4. Draw the picture of a plant and write the different parts of that plant. Q5. Collect the leaves of different trees or plant and paste it in your holiday homework copy also write the names of those leaves.
- Q6. What are the differences between leaf and flower?
- Q7. Write the names of some plants which are found in water. Q8. Write at least seven uses of water.
- Q9. Write the names of some water resources.
- Q10. Learn the following chapters during your summer vacation:
- a) Poonam's day out
 - b) The plant fairy
 - c) Water 'o' water
- Q11. Plant a sapling and write down the change in it every day.

ENGLISH

1. Write 10 page cursive handwriting
2. Learn these poems with proper action and rhythm
 - A. Good morning
 - B. Bird talk
3. Write 5 sentences on birds using these words – Nest, water, chirp, fly, sky, wings
4. Read 1 English story daily
5. Write any 10 summer activities you did during your holidays.
6. Write any 10 names of
 - A. Flowers
 - B. Birds
 - C. Insects
 - D. Trees
 - E. Animals

हिंदी

1. दस पेज सुलेख लिखो ।
2. मेरे प्रिय शिक्षक पर पाँच वाक्य लिखे ।
3. अपनी पाठ्य पुस्तक में से 2 कविता याद करो व लिखो ।
4. अपनी पाठ्यपुस्तक में से 10 संज्ञा शब्द लिखो ।
5. प्रतिदिन समाचार पत्र पढ़ना
6. प्रतिदिन हिंदी पाठ्य पुस्तक का एक पाठ पढ़ना
7. पढ़ाए गए पाठ के प्रश्न उत्तर याद करना ।

कला

1. योग दिवस पर चित्र बनाएं
2. विश्व पर्यावरण दिवस पर चित्र बनाएं
3. अपनी पसंद से 2 कार्टून कैरेक्टर बनाएं

4. प्रकृति का दृश्य अपनी कल्पना से बनाएं
5. जल संरक्षण पर एक चित्र बनाएं
6. 15 August और welcome ग्रीटिंग कार्ड बनाएं

Sports and games

- 1 सभी बच्चे किसी एक गेम के बारे में लिखेंगे
- Q.2 अंतर्राष्ट्रीय योग दिवस के बारे में एक पेज लिखिए
- Q.3 राष्ट्रीय खेल दिवस के बारे में एक पेज लिखिए
- Q.4 प्रतिदिन 30 से 40 मिनट योगा फ्री एक्सरसाइज अपने घर पर रहकर करेंगे

Library

1. Make 1 book mark of your interest
2. Read Newspaper daily
3. Write 10 lines about your favourite pet animal.
4. Write 1 page about your family.

KENDRIYA VIDYALAYA BSF RAISINGHNAGAR

SUMMER BREAK HOMEWORK

CLASS- IV

English

1. WRITE 25 PAGES OF HANDWRITING.
2. READ NEWSPAPER DAILY AND WRITE 5 NEW WORDS AND FIND OUT THEIR MEANING ALSO.
3. LEARN POEMS WAKE UP AND NOSES BY HEART
- 4.. CREATE 10 MEANINGFUL WORDS FROM THE GIVEN WORDS:
Immediately, extraordinary, appreciation 5.READ A
NEW STORY BOOK
Write name of author, title of story book and moral of the story.
6. READ THE CHAPTER- THE FIR TREE AND MAKE A TREE CUTOUT
,PASTE IT AND WRITE 5-10 USES OF TREES.

हिंदी

1. दस पेज सुलेख लिखो ।
2. मेरे प्रिय शिक्षक पर पाँच वाक्य लिखे ।
3. अपनी पाठ्य पुस्तक में से 2 कविता याद करो व लिखो ।
4. अपनी पाठ्यपुस्तक में से 10 संज्ञा शब्द लिखो ।
5. प्रतिदिन समाचार पत्र पढ़ना
6. प्रतिदिन हिंदी पाठ्य पुस्तक का एक पाठ पढ़ना
7. पढ़ाए गए पाठ के प्रश्न उत्तर याद करना

Maths

1. Learn tables 2 to 20
2. Paste 3 photos of mathematician and write a few lines on them.
3. Read newspaper daily and write maximum and minimum temperature of 30 days.
4. Draw 4 different jaali patterns and colour them.
5. Make a 3D model of brick using old boxes.

Note- Do maths holiday homework on loose A4 sheets.

EVS

1. Make a list of endangered species of animals in India.
2. Collect some information about dinosaurs in 100 words.
3. Draw or paste picture of an elephant. Write some interesting facts in 10 lines.
4. Read and learn Ch1 and Ch2
5. Complete questions on page no. 45 and page no. 46 .

कला

1. योग दिवस पर चित्र बनाएं
2. विश्व पर्यावरण दिवस पर चित्र बनाएं
3. अपनी पसंद से 2 कार्टून कैरेक्टर बनाएं
4. प्रकृति का दृश्य अपनी कल्पना से बनाएं
5. जल संरक्षण पर एक चित्र बनाएं
6. 15 August और welcome ग्रीटिंग कार्ड बनाएं

Sports and games holiday homework.

- 1 सभी बच्चे किसी एक गेम के बारे में लिखेंगे
- Q.2 अंतर्राष्ट्रीय योग दिवस के बारे में एक पेज लिखिए
- Q.3 राष्ट्रीय खेल दिवस के बारे में एक पेज लिखिए
- Q.4 प्रतिदिन 30 से 40 मिनट योगा फ्री एक्सरसाइज अपने घर पर रहकर करेंगे

LIBRARY

1. Write 10 line about your favourite teacher
2. Write an essay on your School
3. Read One newspaper daily
4. Make 1 bookmark and 1 book design for your books.
5. Make 1 newspaper carry bag.

KENDRIYA VIDYALAYA BSF RAISINGHNAGAR

SUMMER VACATION HOME WORK

CLASS - V

Hindi

- अपनी हिन्दी की पाठ्य पुस्तक व्यक्ति वाचक संज्ञा के 10 शब्द लिखें।
- प्रतिदिन समाचार पत्र पढ़ें।
- प्रतिदिन हिन्दी की पुस्तक से एक पाठ पढ़ें।
- पाँच पृष्ठ सुलेख लिखो।
- भगतसिंह, डॉ. भीमराव अंबेडकर पर पाँच वाक्य लिखकर याद करो।
- मेरा विद्यालय पर पाँच वाक्य लिखें।

English

- Q1. Write one page of calligraphy (handwriting) per day. (VERY IMPORTANT)
- Q2. Write at least two new words and their meanings in your pocket dictionary every day.
- Q3. Everyday read at least one story and narrate that story in English.
- Q4. Learn the questions and answers of the chapter – Ice-cream Man, Wonderful Waste, Teamwork and also read the chapter Flying Together.
- Q5. Write one story (English) by yourself.
- Q6. Write 20 antonyms (opposite words) and memorize them.
- Q7. Write 20 synonyms (word that have same meaning) and memorize them.
- Q8. Memorize two poems with action.
- Q9. In vacations you must be going to your relatives' house. Write a description of your journey in minimum 300 words.

Maths

- Learn tables from 2 to 20.
- Paste three photos of mathematician and write a few lines on them.
- Read newspaper daily and write maximum and minimum temperature of 30 days.
- Make a dice used in playing ludo with the help of discarded (used) boxes.
- Draw following angles
 - (a) Right angle
 - (b) Obtuse angle
 - (c) Acute angle
 - (d) Straight angle
- Draw 2 sea animals using shapes-triangle,square,circle.

Note:-Do maths holidays' homework on loose A4 sheet

EVS

- 1.Make paper dog. (see page no.14)
- 2.Make a snake Puppet (see page no.21)
- 3.What is balance diet. Make a chart of 1 week food items that you take during summer vacations.
- 4.Complete Activity on page no.37 (How do food get spoilt?)
- 5.Observe and write activity on page no.44

Note:- question no.3 to 5 should be done on A4 size papers.

ART

- 1- Save water और खेलों के महत्व या फिट इंडिया विषय पर एक चित्र बनाएं
- 2 -योग दिवस और विश्व पर्यावरण दिवस पर एक एक चित्र बनाएं
- 3 -वेलकम कार्ड, 15 अगस्त पर 2 greeting card बनाएं
- 4- रंगीन कागज को चिपका कर एक कोलाज और thumbprint डिजाइन बनाएं
- 5- अपने पसंद से कोई भी एक क्राफ्ट कार्य और clay से आकृति बनाएं.
- 6- प्रकृति दृश्य या लैंडस्केप अपनी कल्पना से चित्र बनाएं

7- अपनी पसंद के 2 कार्टून कैरेक्टर बनाएं
सभी कार्य A3 साइज की आइवरी शीट में करें

LIBRARY

1. Make 1 book mark and book design/cover.
2. Write essay over – Library, Importance of books
3. Read 1 newspaper daily.
4. Write 1 page about the importance of discipline in our life

Sports and games

- Q.1 सभी बच्चे किसी एक गेम के बारे में लिखेंगे
Q.2 अंतर्राष्ट्रीय योग दिवस के बारे में एक पेज लिखिए
Q.3 राष्ट्रीय खेल दिवस के बारे में एक पेज लिखिए
Q.4 प्रतिदिन 30 से 40 मिनट योगा फ्री एक्सरसाइज अपने घर पर रहकर करेंगे

KENDRIYA VIDYALAYA BSF RAISINGHNAGAR

SUMMER VACATION HOME WORK

CLASS VI

SOCIAL SCIENCE

1. Write 10 important lines on 'Solar system'.
2. Write 10 important lines on 'Our Earth'.
3. Write 10 lines on 'Ladakh'.
4. Write 10 lines on 'How we can save Water'.
5. Write 10 lines on Save electricity.
6. Write 10 benefits of PLANTING TREES.
7. Write about 05 sources of from which we can know about the past.
8. Write 10 lines about Your Favourite festival.
9. Write 10 lines about Your favourite sports.
10. Write about 5 BIRDS and 5 ANIMALS which you like more.
11. Write about 5 famous places of Rajasthan which like to visit.
12. Find out 10 important things about the state NAGALAND.

WORK EXPERIENCE

Objective- To develop the practical and productive skills along with theoretical knowledge.

Q.1) make a list of number of electrical appliances used in your home.

Q.2) make a list of appliances working on batteries or dc supply in your home.

Q.3) make a list of appliances working on AC mains power supply in your home.

Q.4) discuss about safety precautions while working on electrical system with your parents.

Q.5) collect electrical components as battery, motor etc. from e-waste at home and list out with their names and diagrams.

Q.6) Make two shagun envelopes and paste it into your WE notebook.

Q.7) Imagine there was no electric supply for a month. How would that affect your day to day activities and others in your family?

Present your imagination in the form of a story or a play. Write in WE copy.

Q.8) Write how to save electricity in your home. (Write 10 points)

Q.9) Make one thing best out of waste from waste materials in your home. Write in WE copy how you have made it.

Q.10) Help your mother in the kitchen (In guidance of your mother) and write in your WE copy.

Q.11) How to save from corona (COVID 19). Write points in WE copy. Download Arogya setu app on your smart phone.

ENGLISH

- I. One-page cursive handwriting practice daily.
- II. Write a paragraph on topics of your choice 05
- III. Write four formal and four informal letters on subjects of your choice.
- IV. Write twenty words with their antonyms and synonyms
- V. Revision of lessons done in class
- VI. Write news headlines from area of your interest.

SCIENCE_

WRITTEN WORK:-

Q. 1 Test the presence of starch in the given food sample.

Q. 2 Prepare a list of food items for one month.

Q.3 List three food items obtained from (i) plants (ii) animals

Q.4 What is meant by balance diet? Why is it necessary for us?

Q.5 Why is vitamin D called the “sunshine vitamin”?

Q. 6 Prepare a table of deficiency diseases takes place due to vitamins and minerals

Q.7 Paste picture of different fibers in your notebook

Learn and do practice of first three chapters for upcoming exam.

Prctice work

Do practice of questions and answer of chapter 1- components of food, chapter no. 2-sorting materials into groups. (Exercise questions)

Mathematics

PART-A

- Write the tables 2 to 20 and learn them.

- Find out 5 tallest buildings of the world. Write their names as per descending order of heights.
- Prepare atleast two Mathematics articles on A4 sheets.(Puzzles/About Mathematicians/Vedic tricks/shortcut tricks/Sketches of famous mathematicians/Activity/Intersting facts/fogures etc)

PART-B(CCT Based and Worksheet)

CCT-1

Raman's Shop

Item	Price (Rs) per Unit	Sales during the last year
Apples	40/kg	2457 kg
Oranges	30/kg	3004 kg
Combs	Rs 3 for one	22760
Tooth Brushes	Rs 10 for one	25367
Pencils	Rs 1 for one	38530
Note Books	Rs. 6 for one	40002
Soap Cakes	Rs 8 for one	20005

- a) Find total money Raman got by selling apples and oranges last year?
- b) Make a table showing how much money Raman received from selling each item.
- c) Can you find the total money Raman got by selling apples and oranges together?
- d) Find the items bought him the highest amount and also the item bought him the smallest amount. Write down the amount also.

CCT-2

Case Study Based:

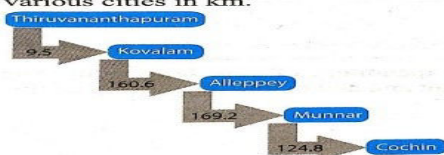
FAMILY TRIP

Anchal and her family planned a trip for Kerala for 5 days. They first went to Thiruvananthapuram by flight then they booked a taxi for entire trip.

They first went to Kovalam. After staying there for two days they went to Alleppey and stayed there for a day. Fourth day, they went to Munnar. Finally, on 6th day they took flight from cochin for their hometown after staying a day in Cochin.



Below table shows an approximate distance of various cities in km.



Q.1 How much distance Anchal had travelled from Thiruvananthapuram to Alleppey?

Q.2 What is the total road distance travelled by Anchal?

Q.3 What is the distance of Munnar from Cochin in cm?

Worksheet

1. Write number names of following in Indian System as well as International System of numeration: (a) 63728729 (b) 23140007
2. Medicine is packed in boxes, each weighing 5kg 600gm. How many such boxes can be loaded in a van which can not carry beyond 260 kg?
3. Write predecessor and successor of: (a) 10001 (b) 9999
4. One copy of newspaper has 12 pages. Everyday 11980 copies are printed. How many total pages are printed everyday?
5. Find by estimating to nearest 100: 2906×2810 ($210+270$)
6. Find using Distributive property: (a) $297 \times 17 + 297 \times 3$ (b) 298×250
7. The smallest prime number is _____
8. The smallest Composite number is _____
9. Express 36 as sum of two odd primes.
10. Complete the table:

Number	Divisible by									
	2	3	4	5	6	8	9	10	11	
472										
3089										
406839										
2001										

HINDI

1. हिंदी समाचार पत्र से प्रतिदिन 2 समाचार लिखने है ।
2. वसंत के अध्याय 1 और 2 से प्रश्नोत्तरी याद करनी है ।
3. वसंत के अध्याय 1 और 2 से संज्ञा व सर्वनाम शब्द छांटकर उनके भेदों के नाम लिखो ।
4. बाल रामायण अध्याय 1 और 2 से दस -दस वर्तनी शब्द लिखकर याद करने हैं ।

5. कबीर के 5 दोहे लिख के याद करे ।
6. अनुच्छेद लेखन – (क) मेरा प्रिय त्यौहार (ख) मेरा भारत (ग) विद्यार्थी जीवन
7. संज्ञा किसे कहते हैं संज्ञा के भेदों का वर्णन करो
8. सर्वनाम किसे कहते हैं सर्वनाम के भेदों का वर्णन करें
9. विशेषण किसे कहते हैं विशेषण के भेदों का वर्णन

संस्कृत

- 1। अकारान्त पुल्लिङ्ग शब्द लिये 1-10 जैसे- राम-
2. अकारान्त स्त्रीलिङ्ग 10 शब्द लिखें। जैसे - लता
3. अकारान्त नपुंसकलिङ्ग 10 शब्द लिखे - जैसे- पुस्तकम
4. पठ धातु रूप लटलकार एवं लृटलाकर के लिए ।
5. पाठ-1 से प्रश्न संख्या 1,2,3,4,5,6,7,8 याद करे .
- 6। संस्कृत प्रतिज्ञा लिखकर याद करें।

परियोजना कार्य

1. बने बने विवसन्तो वृक्षाः- कवि लिखे चित्र बनाए ।
- 2। 10 संस्कृत में पशुओं के नाम तथा 1" पक्षियों के नाम लिखें। चित्र भी बनाए

कला

1. खेलों के महत्व या फिट इंडिया विषय पर एक चित्र बनाएं
2. योग दिवस और विश्व पर्यावरण दिवस पर एक एक चित्र बनाएं
- 3 वेलकम कार्ड, 15 अगस्त पर 2 greeting card बनाएं
- 4- रंगीन कागज को चिपका कर एक कोलाज और 3 कैलीग्राफी बनाएं
- 5- अपने पसंद से कोई भी एक क्राफ्ट कार्य और clay से आकृति बनाएं.
- 6 प्रकृति दृश्य या ।लैंडस्केप अपनी कल्पना से चित्र बनाए और सेव एनर्जी पर चित्र बनाए

सभी कार्य A3 साइज की आइवरी शीट में करें

SPORTS AND GAME

1 सभी बच्चे किसी एक गेम के बारे में लिखेंगे

Q.2 अंतर्राष्ट्रीय योग दिवस के बारे में एक पेज लिखिए

Q.3 राष्ट्रीय खेल दिवस के बारे में एक पेज लिखिए

Q.4 प्रतिदिन 30 से 40 मिनट योगा फ्री एक्सरसाइज अपने घर पर रहकर करेंगे

LIBRARY

1. Make one Book mark and 1 newspaper carry bag

2. Write a book review of any book you have recently read.

3. Write an essay over international book day.

4. Read 1 newspaper daily.

5. Write a detailed note on functioning of school library in kendriya vidyalaya sangathan

KENDRIYA VIDYALAYA BSF RAISINGHNAGAR

SUMMER VACATION HOME WORK

CLASS – VII

SOCIAL SCIENCE

1. What were some of the major religious developments during this period?
(History ch.01)
2. Write 10 important lines from Our environment chapter.
3. Write 10 lines on 'INDIAN CONSTITUTION'
4. Write 10 lines on the life of Dr. B.R. Ambedkar.
5. Write 10 lines on 'How we can save Water'.
6. Write 10 lines on Save electricity.
7. Write 10 benefits of PLANTING TREES.
8. Write 10 lines about Your Favourite festival.
9. Write 10 lines about Your favourite sports.
10. Write about 5 BIRDS and 5 ANIMALS which you like more.
11. Write about 5 famous places of Rajasthan which you like to visit.
12. Write 10 lines on the state Nagaland.

WORK EXPERIENCE

Objective- To develop the practical and productive skills along with theoretical knowledge.

Q.1) list out number of wires used in house wiring with their color code and their importance and functioning.

Q.2) collect electrical components like motor, generator, batteries from waste material like damaged toy car and note down in your notebook with diagram.

Q.3) Identify the electrical appliances working on AC and DC at your home and note it down separately?

Q.4) discuss about Earth wire and its importance in your home with your parents?

Q.5) Make a small project virtually on website www.dcaclab.com or physically using dry cells only.

Q.6) Make two Sagun envelopes and paste it in your WE copy.

Q.7) Did you know about Thomas Alva Edison? Read about him and write some inventions made by him.

Q.8) Write how to save electricity in your home. (Write 10 points)

Q.9) Make one thing best out of waste from waste materials in your home.

Write in WE copy how you have made it.

Q.10) Help your mother in the kitchen (In guidance of your mother) and write in your WE copy.

Q.11) How to save from COVID 19(corona). Write in your WE copy. Download the Arogya setu app on your smartphone.

ENGLISH

I. One-page cursive handwriting practice daily.

II. Write a paragraph on topics of your choice 05

III. Write four formal and four informal letters on subjects of your choice.

IV. Write twenty words with their antonyms and synonyms

V. Revision of lessons done in class

VI. Write news headlines from area of your interest.

SCIENCE

WRITTEN WORK:-

1 Explain the process of photosynthesis with the help of label diagram.

2 Explain any two methods of heterotrophic nutrition.

3 Draw the label diagram of human digestive system and explain following parts

(a) Stomach (ii) small intestine (iii) large intestine

4 Explain the process of rumination and draw the label diagram of ruminant digestive system.

5. What are villi ? What is their location and functions ?

6. Define the following terms

(i) Egestion (ii) Ingestion (iii) Villi

Practice work

Do practice work of exercise of chapter 1,2 and 3

HINDI

1. हिंदी समाचार पत्र से प्रतिदिन 2 समाचार लिखने है ।
2. वसंत के अध्याय 1 और 2 से प्रश्नोत्तरी याद करनी है ।
3. वसंत के अध्याय 1 और 2 से संज्ञा व सर्वनाम शब्द छांटकर उनके भेदों के नाम लिखो ।
4. बाल महाभारत अध्याय 1 और 2 से दस -दस वर्तनी शब्द लिखकर याद करने हैं ।
5. कबीर के 5 दोहे लिख के याद करे ।
6. संज्ञा किसे कहते हैं संज्ञा के भेदों का वर्णन करो
7. सर्वनाम किसे कहते हैं सर्वनाम के भेदों का वर्णन करें
8. विशेषण किसे कहते हैं विशेषण के भेदों का वर्णन

संस्कृत

1. राम एवं फल शब्द रूप लिखो।
2. पाठ धातु रूप लृट लकार एवं लट् लकार मे लिखो ।
3. पाठ संख्या 1 से प्रश्न से 2,3,4,5,6 करो) 3
14. पाठ संख्या 2 से प्रश्न संख्या 2,3,4,6,7 करो ।

5. संस्कृत प्रतिज्ञा लिखे और याद करें।

परियोजना कार्य

1- पाद सुभाषितानि के 5. श्लोक लिख और कण्ठस्थ याद करो

2. 1 से 50 तक संस्कृत में गिनती लिखो।

3. पाठ 3 से. प्रश्न संख्या 3 को सचित्र करें)

कला

1. खेलों के महत्व या फिट इंडिया विषय पर एक चित्र बनाएं
2. योग दिवस और विश्व पर्यावरण दिवस पर एक एक चित्र बनाएं
3. वेलकम कार्ड, 15 अगस्त पर 2 greeting card बनाएं
- 4- रंगीन कागज को चिपका कर एक कोलाज और 3 कैलीग्राफी बनाएं
- 5- अपने पसंद से कोई भी एक क्राफ्ट कार्य और clay से आकृति बनाएं.
- 6 प्रकृति दृश्य या । लैंडस्केप अपनी कल्पना से चित्र बनाए और सेव एनर्जी पर चित्र बनाए

सभी कार्य A3 साइज की आइवरी शीट में करें

Mathematics

PART-A

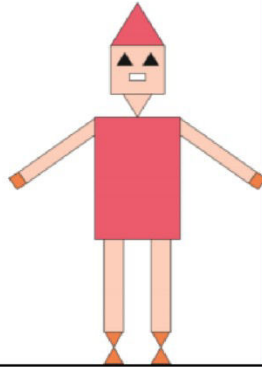
(b) Write the tables 2 to 20 and learn them..

(c) Prepare atleast two Mathematics articles on A4 sheets.(Puzzles/About Mathematicians/Vedic tricks/shortcut tricks/Sketches of famous mathematicians/Activity/Intersting facts/fogures etc)

Part B(Art Integrated and CCT Based)

Q 1: Complete the activity as directed in below table:

Perimeter and Area	<p>1. Robotic Maths</p> <p>Description: Do as directed</p> <p>1. Make robot with different coloured sheets.</p> <p>2. Calculate perimeter and area of all figures (17 figures)</p> <p>Hint : Use figure with dimensions as per your requirement.</p>	2 Days → 20 minutes Per Day	
--------------------	--	-----------------------------------	--



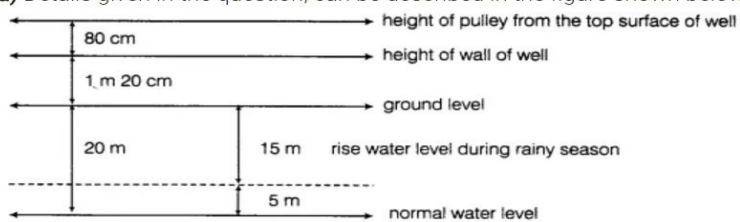
(You can make any vehicle/scenery, flower etc instead of ROBOT using mathematical figures only)

9. Find out perimeter of the diagram made by you.
- b) Also find total area of paper used for making it.

Q2: CCT BASED QUESTIONS

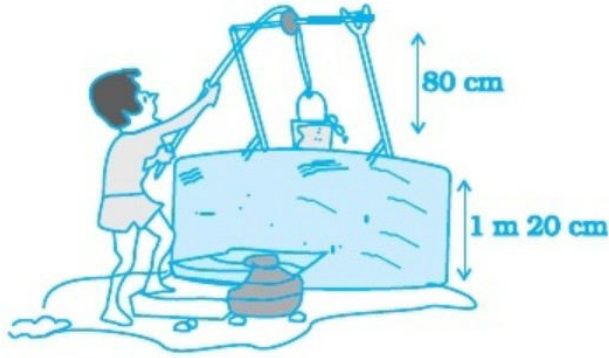
Details given in the question, can be described in the figure shown below

(a) Details given in the question, can be described in the figure shown below



From the above figure, it is clear that,

Minimum length of the rope required to draw the water during the rainy season



Q3:

The highest point measured above sea level is the summit of Mt. Everest which is 8,848m above sea level and the lowest point is Challenger Deep at the bottom of Mariana Trench which is 10911m below sea level. What is the vertical distance between these two points?

Worksheet -1 (Integers)

13. **5 added to -5 gives:**
 - (a) 10
 - (b) -10
 - (c) 0
 - (d) -25
14. **Which of the following statements is true?**
 - (a) 2 subtracted from -3 gives 1
 - (b) -1 subtracted from -5 gives 6
 - (c) 3 subtracted from -8 gives -11
 - (d) 1 subtracted from -7 gives -6
15. **Which of the following numbers is to the right of -3 on number line?**
 - (a) -4
 - (b) -2
 - (c) -5
 - (d) -6
16. **Sum of two negative integers is always:**
 - (a) Positive
 - (b) Negative
 - (c) 0
 - (d) 1
17. **Which of the following numbers is greater than -1?**
 - (a) -2

- (b) -10
(c) 0
(d) -3
18. **Which number is 5 more than -3?**
(a) -2
(b) 2
(c) 8
(d) -8
19. **Which of the followings is in increasing order?**
(a) 0, 1, -1
(b) -1, -2, -3
(c) -1, 0, 1
(d) -1, 1, -2
20. **What will be the additive inverse of -1?**
(a) -2
(b) -1
(c) 0
(d) 1
21. **The pair of integers whose sum is -5:**
(a) 1, -4
(b) -1, 6
(c) -3, -2
(d) 5, 0
22. **Identify the property used in the following:**
 $2 \times 13 + 8 \times 13 = (2 + 8) \times 13$
(a) Commutative
(b) Closure
(c) Associative
(d) Distributive
23. **Which number is multiplicative identity for the whole numbers?**
(a) 0
(b) 1
(c) 2
(d) 3

Fill in the blanks

12. $30 \div \dots\dots\dots = 3$
13. $-89 \div \dots\dots\dots = 89$
14. $\dots\dots\dots \div 1 = -205$

15. $\times (-12) = 120$

16. $24 + 12 \div 4 - 5 \times 3 = \dots\dots\dots$

17. Use the sign of $>$, $<$ or $=$ in the box to make the statement true.

$$25 - 40 + 10 \square 25 - 40 - 10$$

Worksheet-2 (Fractions & Decimals)

1. Which one of the followings is a proper fraction?

(a) $\frac{7}{5}$

(b) $\frac{3}{2}$

(c) $\frac{4}{7}$

(d) $\frac{4}{3}$

2. Which one of the followings is an improper fraction?

(a) $\frac{2}{3}$

(b) $\frac{5}{7}$

(c) $\frac{7}{4}$

(d) $\frac{1}{2}$

4. What is the value of $\frac{2}{3} + \frac{1}{3} + \frac{7}{3}$?

(a) $\frac{10}{3}$

(b) $\frac{10}{9}$

(c) $\frac{30}{3}$

(d) $\frac{10}{27}$

5. What is the value of $\frac{4}{5} - \frac{2}{3}$?

(a) $\frac{2}{2}$

(b) $\frac{14}{15}$

(c) $\frac{2}{15}$

(d) none of these

6. The value of $\frac{1}{2}$ of 24 is:

(a) 12

(b) $\frac{1}{12}$

(c) 48

(d) $\frac{1}{48}$

7. Which of the following product gives the value $\frac{78}{5}$?

- (a) $3 \times 5\frac{1}{5}$
- (b) $\frac{1}{3}$
- (c) $3 \times \frac{5}{26}$
- (d) none of these

8. The reciprocal of $1\frac{2}{3}$ is:

- (a) $\frac{3}{2}$
- (b) $1\frac{3}{2}$
- (c) $\frac{5}{3}$
- (d) $\frac{3}{5}$

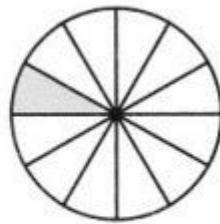
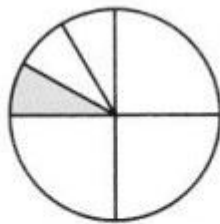
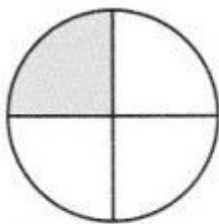
9. The value of $3\frac{1}{2}$ of $\frac{8}{3}$ is:

- (a) 4
- (b) $\frac{28}{3}$
- (c) $\frac{9}{4}$
- (d) $\frac{21}{16}$

10. The value of $4\frac{1}{3}$ of 3 is:

- (a) 4
- (b) 13
- (c) $\frac{13}{9}$
- (d) $\frac{9}{13}$

11. Write the pictorial representation of shaded portion in the form of fraction.



12. Simplify:

(a) $7 - 3\frac{1}{2} - 2\frac{1}{2}$ (b) $3\frac{1}{8} \times 2\frac{2}{5} \times 1\frac{3}{5}$

(c) $11.2 \times 0.15 \div \frac{4}{5}$ (d) $3\frac{3}{7} \div \frac{8}{21} \times \frac{1}{27}$

SPORTS AND GAME

1 सभी बच्चे किसी एक गेम के बारे में लिखेंगे

Q.2 अंतर्राष्ट्रीय योग दिवस के बारे में एक पेज लिखिए

Q.3 राष्ट्रीय खेल दिवस के बारे में एक पेज लिखिए

Q.4 प्रतिदिन 30 से 40 मिनट योगा फ्री एक्सरसाइज अपने घर पर रहकर करेंगे

LIBRARY

1. Make one Book mark and 1 newspaper carry bag
2. Write a book review of any book you have recently read.
3. Write an essay over international book day.
4. Read 1 newspaper daily.
5. Write a detailed note on functioning of school library in kendriya vidyalaya sangathan

KENDRIYA VIDYALAYA BSF RAISINGHNAGAR

SUMMER VACATION HOME WORK

SOCIAL SCIENCE

CLASS – VIII

1. Write about Right to Equality in Indian constitution.
2. Write about Right to freedom in Indian constitution.
3. Write 10 lines about the life of Swami Vivekananda.
4. Write 10 lines on the life of Dr. B.R. Ambedkar.
5. Write 10 lines on 'How we can save Water'.
6. Write 10 lines on Save electricity.
7. Write 10 benefits of PLANTING TREES.
8. Write 10 lines about Your Favourite festival.
9. Write 10 lines about LOK SABHA.
10. Write 10 lines on the life of teaching of Baba Guru Nanak.
11. Write about 5 famous places of Rajasthan which you like to visit.
12. Write 10 lines on the state Nagaland.

WORK EXPERIENCE

Objective- To develop the practical and productive skills along with theoretical knowledge.

Q.1) discuss about electrical shock and electrical safety rules to avoid it with your parents?

Q.2) make a layout diagram for wiring at your home from energy meter to switch board?

Q.3) Identify the safety devices used in house wiring and draw the diagram and write their importances?

Q.4) Discuss about CPR "cardio pulmonary resuscitation" as first aid with your parents and do the practical of it and discuss about the importance of CPR as life saving tool?

- Q.5) Collect different types of magnets available at your home and make a chart by pasting it and write properties of it?
- Q.6) Make a small project virtually on website www.dcaclab.com or physically using dry cells only.
- Q.7) Make two shagun envelopes and paste it into your WE copy.
- Q.8) Write five points on LED, electroplating, CFL, electromagnetism, Miniature circuit breaker and electrolysis.
- Q.9) Write how to save electricity in your home. (Write 15 points)
- Q.10) Make one thing best out of waste from waste materials in your home. Write in WE copy how you have made it.
- Q.11) Help your mother in the kitchen (In guidance of your mother) and write in your WE copy.
- Q.12) Write some tips on how to save from covid-19(corona). Write in your WE copy. Download Arogya setu app on your smartphone.

ENGLISH

- I. Dairy entry for any ten days.
- II. Write a paragraph on topics of your choice 05
- III. Write five formal and five informal letters on subjects of your choice.
- IV. Write twenty words with their antonyms and synonyms
- V. Revision of lessons done in class
- VI. Write news headlines from area of your interest.

SCIENCE

WRITTEN WORK:-

- Q.1 Distinguish between manure and fertilizers (four points).
- Q.2 What are food preservatives? Name some common preservatives.

Q.3 Explain nitrogen cycle with the help of flow chart.

Q.4 What do you mean by irrigation? Write two modern two traditional methods of irrigation.

Q.5 Write a short paragraph on useful microorganism.

Q.6 Draw a diagram of Nitrogen cycle and explain it.

Q.7 Write short notes on followings

(a) Antibiotics (b) Harvest festivals

PROJECT WORK:-

Visit a farmer house near your locality. Study all the agriculture implements used by the farmer. Ask the problem faced by farmer in agricultural practice. Prepare and draw the diagram of the implements used by him.

ASSIGNMENT:-

Write notes on plastic and our environment. (500 words)

FOR PRACTICE- Exercise of following chapters

1 Crop production and management

2 Micro-organism friend and foe

3 Synthetic fibres and plastic

Subject: Mathematics

PART-A

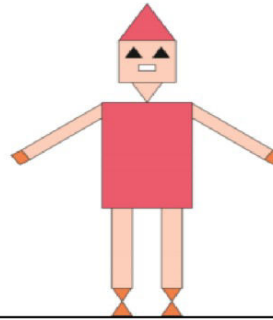
- Write the tables 2 to 20 and learn them.
- Prepare atleast two Mathematics articles on A4 sheets.(Puzzles/About Mathematicians/Vedic tricks/shortcut tricks/Sketches of famous mathematicians/Activity/Intersting facts/fogures etc)

PART B (WORKSHEET AND CCT BASED)

CCT-1

Q1: Complete the activity as directed in below table

Perimeter and Area	<p>1. Robotic Maths</p> <p>Description: Do as directed</p> <ol style="list-style-type: none"> 1. Make robot with different coloured sheets. 2. Calculate perimeter and area of all figures (17 figures) <p>Hint : Use figure with dimensions as per your requirement.</p>	2 Days → 20 minutes Per Day	
--------------------	--	-----------------------------------	--



(You can make any vehicle/scenery, flower etc instead of ROBOT using mathematical figures only)

- Find out perimeter of the diagram made by you.
- Also find total area of paper used for making it.

CCT-2 (Ribbon)

Ram has four full rolls of ribbon
and one roll of ribbon is
21.25m



Answer the following questions:

Question 1: How many metres of ribbon does he has in total?

1. 55m (b) 65m (c) 75m (d) 85m

Question 2: If he decorates five rectangular display boards each of dimension 3m and 2m by pasting the ribbon along their borders, then find the length of the remaining ribbon?

Question 3: If Ram wants to decorate square display boards each of side length 5m, then how many square display boards does he can decorate using these four ribbon rolls?

Question 4: If these four full ribbon rolls are used for decorating the circular wall pieces each of radius 35 cm, then how many such circular wall pieces can be decorate?

Worksheet on Word Problems on Linear Equation

- 1.** A number is 12 more than the other. Find the numbers if their sum is 48.
- 2.** Seven times the number is 36 less than 10 times the number. Find the number.
- 3.** $\frac{4}{5}$ of a number is more than $\frac{3}{4}$ of the number by 5 . Find the number.
- 4.** The sum of two consecutive even numbers is 38. Find the numbers.
- 5.** The sum of three consecutive odd numbers is 51. Find the numbers.
- 6.** Rene is 6 years older than her younger sister. After 10 years, the sum of their ages will be 50 years. Find their present ages.
- 7.** The length of a rectangle is 10 m more than its breadth. If the perimeter of rectangle is 80 m, find the dimensions of the rectangle

- 8.** The denominator of a fraction is greater than the numerator by 8. If the numerator is increased by 17 and denominator is decreased by 1, the number obtained is $\frac{3}{2}$, find the fraction.
- 9.** A sum of \$2700 is to be given in the form of 63 prizes. If the prize is of either \$100 or \$25, find the number of prizes of each type.

10. Among the two supplementary angles, the measure of the larger angle is 36° more than the measure of smaller. Find their measures.
11. My mother is 12 years more than twice my age. After 8 years, my mother's age will be 20 years less than three times my age. Find my age and my mother's age.
12. In an isosceles triangle, the base angles are equal and the vertex angle is 80° . Find the measure of the base angles.
13. Adman's father is 49 years old. He is 5 years older than four times Adman's age. What is Adman's age?
14. Divide 36 into two parts in such a way that $\frac{1}{5}$ of one part is equal to $\frac{1}{7}$ of the other.
15. The length of the rectangle exceeds its breadth by 3 cm. If the length and breadth are each increased by 2 cm, then the area of new rectangle will be 70 sq. cm more than that of the given rectangle. Find the length and breadth of the given rectangle

संस्कृत

1. राम, नदी, शब्द रूप लिखो ।
2. गम धातु रूप लङ्, लोट्, विधिलिङ्ग लकार में लिखो ।
3. पाठ-1 से प्रश्न संख्या 2,3,4,5,6,7 करो ।
4. पाठ - 2 से प्रश्न संख्या - 2, 3,4,5, 7 करो
5. 50 से 100 तक संस्कृत गिनती लिखो।

परियोजना कार्य -

- 1। पाठ 1 सुभाषितानी के 5 श्लोक लिखो
- 2। संस्कृत प्रतिज्ञ लिखे और याद करे

कला

1. खेलों के महत्व या फिट इंडिया विषय पर एक चित्र बनाएं
2. योग दिवस और विश्व पर्यावरण दिवस पर एक एक चित्र बनाएं
3. वेलकम कार्ड, 15 अगस्त पर 2 greeting card बनाएं
- 4- रंगीन कागज को चिपका कर एक कोलाज और 3 कैलीग्राफी बनाएं
- 5- अपने पसंद से कोई भी एक क्राफ्ट कार्य और clay से आकृति बनाएं.
- 6 प्रकृति दृश्य या लैंडस्केप अपनी कल्पना से चित्र बनाए और सेव एनर्जी पर चित्र बनाए

सभी कार्य A3 साइज की आइवरी शीट में करें

SPORTS AND GAME

- 1 सभी बच्चे किसी एक गेम के बारे में लिखेंगे
- Q.2 अंतर्राष्ट्रीय योग दिवस के बारे में एक पेज लिखिए
- Q.3 राष्ट्रीय खेल दिवस के बारे में एक पेज लिखिए
- Q.4 प्रतिदिन 30 से 40 मिनट योगा फ्री एक्सरसाइज अपने घर पर रहकर करेंगे

LIBRARY

1. Make one Book mark and 1 newspaper carry bag
2. Write a book review of any book you have recently read.
3. Write an essay over international book day.
4. Read 1 newspaper daily.
5. Write a detailed note on functioning of school library in kendriya vidyalaya sangathan

KENDRIYA VIDYALAYA BSF RAISINGHNAGAR

SUMMER VACATION HOME WORK

CLASS - IX

SOCIAL SCIENCE

1. Write 10 lines about Prime Minister and his Power.
2. Write 10 lines about President of India and his power.
3. Write 10 lines about the life of Swami Vivekananda.
4. Write 10 lines on the life of Dr. B.R. Ambedkar.
5. Write 10 lines on 'How we can save Water'.
6. Write 10 lines on Save electricity.
7. Write about 05 national parks.
8. Write 10 features of Summer season.
9. Write 10 lines about Supreme Court of India.
10. Write about the powers of Election commission of India.
11. Write 10 lines on the state Nagaland.

Project work – Prepare a project file on disaster management 'Earth quake and mitigation strategies.

WORK EXPERIENCE

Objective- To develop the practical and productive skills along with theoretical knowledge.

Q.1) whether earthing is provided at your home or not, identify and discuss its importance with your parents?

Q.2) Identify the electrical safety devices used at domestic power supply system and differentiate between them?

Q.3) why a switch is always connected in phase wire but never in neutral wire, explain?

Q.4) identify the electrical components and objects needed for house wiring?

Q.5) what are the basic principles of a switch board and house wiring connection?

Whether it is series or parallel connection and why?

Q.6) Differentiate between a generator and motor and identify the objects where we use motor and generator in our home and make a list of it?

Q.7) Make a small project virtually on website www.dcaclab.com or physically using dry cells only.

Q.8) Did you know about scientist James Prescott Joule, read about him and write what he has discovered? (hint ncert science book).

Q.9) Write how to save electricity in your home. (Write 10 points)

Q.10) Make one thing best out of waste from waste materials in your home. Write in WE copy how you have made it.

Q.11) Write some tips on how to save from covid-19(corona) in your WE copy. Download Arogya setu app on your smartphone.

ENGLISH

I.Diary writing of any ten days.

II.Short story writing based on educational or moral values 05

III.Write five articles on topics of your choice

IV.Revision of syllabus done in class alongwith eight grammar exercise

V. Write five self composed poems on different topics.

SCIENCE

WRITTEN WORK:-

1 Distinguish between three states of matter in tabular form.

2 Define evaporation and write its application in our daily life.

3 Draw the diagram of plant and animal cell.

Q.4 Differentiate between prokaryotic and eukaryotic cell.

Q.5 Write short notes on the following

(i) ER (II) Plastid (iii) Mitochondria (iv) Nucleus

Q.6 define following terms

(I) Displacement (ii) Velocity (iii) acceleration

PORTFOLIO

Complete your portfolio in given format (shared on whatsapp group)

PRACTICE WORK

Do practice of chapter 1, 2 and 3- the fundamental unit of life for upcoming exam

Subject: Mathematics

PART-A

- Prepare at least two Mathematics articles on A4 sheets. (Puzzles/About Mathematicians/Vedic tricks/shortcut tricks/Sketches of famous mathematicians/Activity/Interesting facts/figures etc)
- WRITE FIRST FIVE EXPERIMENTS IN YOUR RECORD NOTEBOOK

PART-B(WORKSHEET)

WORKSHEET

Q.1: Find five rational numbers between $\frac{3}{7}$ and $\frac{4}{5}$.

Q.2: Locate $\sqrt{7}$ on the number line.

Q.3: Are the square roots of all positive integers irrational? If not, give an example of the square root of a number that is a rational number.

Q.4: Find the decimal expansions of $\frac{10}{3}$, $\frac{7}{8}$ and $\frac{1}{7}$.

Q.5: Show that $0.3333\dots$ can be expressed in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.

Q.6: Visualise 8.971 on the number line, using successive magnification

Q.7: Rationalise the denominator of $\frac{1}{[7+3\sqrt{3}]}$.

Q.8: Simplify:

(i) $7^{2/3} \times 7^{1/3}$. (ii) $10^{1/2} \div 10^{1/4}$

Q9: $p(x) = \sqrt{x^3 + 1}$ is not a polynomial. Give reason

Q10: Find the remainder when $x^{101} - 1$ is divided by $x - 1$

Q11: If $x + \frac{1}{x} = 5$, find
the value of $x^3 + \frac{1}{x^3}$

$$x^3 + \frac{1}{x^3}$$

Q12: If $a + b + c = 9$ and $ab + bc + ca = 26$,
find $a^2 + b^2 + c^2$

Q13: Plot the following points and check

whether they are collinear or not: $(1, 3)$, $(-1, -1)$, $(-2, -3)$

Q14: Without plotting the points indicate the quadrant in which they will lie, if the ordinate is 5 and abscissa is -3

Q15: Locate the points $(5, 0)$, $(0, 5)$, $(2, 5)$, $(5, 2)$, $(-3, 5)$, $(-3, -5)$, $(5, -3)$ and $(6, 1)$ in the Cartesian plane.

हिन्दी

निर्देश:-सभी विद्यार्थी यह कार्य ग्रीष्मकालीन अवकाश में करेंगे।

1. किसान के जीवन पर 100 शब्दों में एक अनुच्छेद लिखो
2. अपने क्षेत्र में होने वाली फसलों की जानकारी एकत्रित करके लिखिए
3. अपनी किसी एक यात्रा का संक्षिप्त वर्णन कीजिए
4. कबीर दास जी के कौन कौन से पद आपको अच्छे लगे हैं और क्यों पद लिखिए
5. अपने बड़े भाई की शादी में शामिल होने के लिए 3 दिन की छुट्टी हेतु प्राचार्य जी को एक प्रार्थना पत्र लिखिए

6. पाठ्य पुस्तक से उपसर्ग एवं प्रत्यय वाले 10 10 शब्द खोजकर लिखिए
7. सबद और साखियां, दो बैलों की कथा के अभ्यास प्रश्न लिखकर याद करो

कला

1. खेलों के महत्व या फिट इंडिया विषय पर एक चित्र बनाएं
2. योग दिवस और विश्व पर्यावरण दिवस पर एक एक चित्र बनाएं
3. वेलकम कार्ड, 15 अगस्त पर 2 greeting card बनाएं
- 4- रंगीन कागज को चिपका कर एक कोलाज और 3 कैलीग्राफी बनाएं
- 5- अपने पसंद से कोई भी एक क्राफ्ट कार्य और clay से आकृति बनाएं.
- 6 प्रकृति दृश्य या । लैंडस्केप अपनी कल्पना से चित्र बनाए और सेव एनर्जी पर चित्र बनाए

सभी कार्य A3 साइज की आइवरी शीट में करें

SPORTS AND GAME

- 1 सभी बच्चे किसी एक गेम के बारे में लिखेंगे
- Q.2 अंतर्राष्ट्रीय योग दिवस के बारे में एक पेज लिखिए
- Q.3 राष्ट्रीय खेल दिवस के बारे में एक पेज लिखिए
- Q.4 प्रतिदिन 30 से 40 मिनट योगा फ्री एक्सरसाइज अपने घर पर रहकर करेंगे

LIBRARY

1. Make one Book mark and 1 newspaper carry bag
2. Write a book review of any book you have recently read.
3. Write an essay over international book day.
4. Read 1 newspaper daily.
5. Write a detailed note on functioning of school library in kendriya vidyalaya sangathan

KENDRIYA VIDYALAYA BSF RAISINGHNAGAR

SUMMER VACATION HOME WORK

CLASS – X

SOCIAL SCIENCE

1. Write 10 lines on the functioning of Reserve Bank of India.
2. Write 10 lines on loan activities of bank.
3. Write 10 lines about the life of Swami Vivekananda.
4. Write 10 lines on the Importance of Public Sector.
5. Write 10 lines on 'How we can save Water'.
6. Write 10 lines on Save electricity.
7. Write the feature of federalism.
8. Write 10 lines on technical and institutional reforms in agriculture in India.
9. Write 10 lines on importance of road transport in India.
10. Write about the challenge faced by the political parties in India.
11. Write about difference between national and state political parties in India.
12. Write 10 lines on the state Nagaland.

Project work – Prepare a project file on any one of the following.

1. Consumer Rights
2. G- 20 summit and international issues of sustainability development.
3. International Issue and role of UNO (United Nation Organisation)

WORK EXPERIENCE

Objective- To develop the practical and productive skills along with theoretical knowledge.

Q.1) make a working model chart for thermal power station and nuclear power station with all steps?

Q.2) Write down the limitations of thermal & nuclear power station and it's alternative solution for power generation?

Q.3) what is the transformer explain its basic principle of working its types and its applications?

Q.4) what is the battery eliminator and what are its uses explain with circuit?

Q.5) why is the series arrangement not used for domestic circuits?

Q.6) what are the alternative sources of power generation in place of non renewable energy sources?

Q.7) understand the practical incorporation of fuse, indicator and regulator in a switchboard?

Q.8) Draw a schematic diagram of common domestic circuits. Take help of your science NCERT book. Draw in A4 sheet.

Q.9) How does the resistance of a wire vary with its area of cross section?

Q.10) why are copper and aluminium wires usually employed for electricity transmission?

Q.11) Make a small project virtually on website www.dcaclab.com or physically using dry cells only.

Q.12) Make any useful thing from waste materials available at your home on the theme "Best out of waste".

Q.13) Write some tips on how to save from covid-19(corona) in your WE copy. Download Arogya setu app on your smartphone.

NOTE:-

- **ALL H.W. should be done in your work experience copy.**
- **Take help from your parents.**
- **Use a dry cell only for making projects.**

ENGLISH

I.Practice ten integrated grammar exercise of your choice.

II.Short story writing based on educational or moral values 05

III.Write five articles on topics of your choice

IV. Revision of syllabus done in class along with eight grammar exercise

V. Write five self-composed poems on different topics.

VI. Practice five comprehension passage exercise in your notebook.

SCIENCE

WRITTEN WORK:-

Q.1 Decomposition reaction required energy either in the form of heat or light or electricity for breakdown the reactants. Write one equation for each decomposition reaction where energy is supplied in the form of heat, light and electricity

Q.2 What is observation when a solution of sodium sulphate is added to a solution of Barium chloride taken in a test tube? Write the equation for the chemical reaction involved and name the type of reaction in this case.

Q.3 In the reaction $\text{MnO}_2 + 4\text{HCl} \rightarrow \text{MnCl}_2 + 2\text{H}_2\text{O} + \text{Cl}_2$

(a) Name the compound (i) oxidised (ii) reduced

Q.4 2g of silver chloride is taken in a china dish and then china dish is placed in sunlight for some time. What will be your observation in this case? Write the chemical reaction involved in the form of balanced equation. Identify the type of reaction.

Q.5 Classify the following reaction into different types-

I $\text{AgNO}_3 + \text{NaCl} \rightarrow \text{AgCl} + \text{NaNO}_3$

II $\text{CaO} + \text{H}_2\text{O} \rightarrow \text{Ca(OH)}_2$

III $2\text{KClO}_3 \rightarrow 2\text{KCl} + 3\text{O}_2$

IV $\text{Zn} + \text{CuSO}_4 \rightarrow \text{ZnSO}_4 + \text{Cu}$

(a) Translate the following statement into balanced chemical equation
Barium chloride reacts with aluminium sulphate to give aluminium chloride and barium sulphate.

Q.6 What happens when H_2S gas is passed through a blue solution of copper sulphate.

Q.7 What happens when food materials containing fats and oils are left a long time? List two observable changes and suggest three ways by which this phenomenon can be prevented?

Q.8 How are water and minerals transported in plants?

Q Draw a diagram of human excretory system and label following on it

(i) Form urine

(ii) Is a long tube collect urine from kidney

(iii) Store urine until it is passed out.

9 Name the structural and functional unit of human excretory system.

Explain the structure of Neuron with the help of label diagram/Name the basic unit present in kidney.

Q.10 How is urine produce?

Q.11 Name some waste products of plants other than O_2 and CO_2 .

Q.12 The image is formed by a concave mirror is observed to be virtual, erect and larger than the object. Where should the position of object be relative to the mirror? Draw a ray diagram to justify your answer.

Q.13 State the meaning of linear magnification. How is it related to object and image distance? When is magnification is positive or negative?

Q.14 A student want to project the image of a candle flame on a screen 80cm in front of a mirror by keeping the candle flame at a distance of 20 cm from its pole.

(i) Which type of mirror the students should the student use?

(ii) Find the magnification of the image produced.

(iii) Find the distance between object and image.

(iv) Draw a ray diagram to show the image formation. (Ans. - $m = -4$, 60cm ($u+v$), $f = -32$)

Q.15 If the image formed by mirror for all position of the object placed in front of it is always virtual and diminished. state the type of mirror. Draw a ray diagram in support of your answer. Where are such mirror used and why?

Practice for exam-

1 Chemical reactions and equations.

2 Life process.

3 Light reflection and refraction.

4 Control and coordination.

विषय हिंदी

निर्देश:-सभी विद्यार्थी यह कार्य ग्रीष्मकालीन अवकाश में करेंगे।

1. निम्नलिखित विषयों पर 100 शब्दों में अनुच्छेद लिखिए
क. किसान का जीवन एक संघर्ष व अन्नदाता
ख. वर्तमान समय में भारतीय अर्थव्यवस्था
2. सूरदास का जीवन परिचय लिखो
3. आपसे किसी महापुरुष की मूर्ति किसी चौराहे पर लगाने के लिए कहा जाए तो आप किसकी मूर्ति लगवा आएं और क्यों उस महापुरुष की जीवनी भी लिखो
4. एक औपचारिक व एक अनौपचारिक पत्र लिखो
5. वाक्य किसे कहते हैं वाक्यों के अर्थ व रचना के आधार पर भेद लिखें
6. व्याकरण कार्य करो
 - 1 संज्ञा किसे कहते हैं संज्ञा के भेदों का वर्णन करो
 - 2 सर्वनाम किसे कहते हैं सर्वनाम के भेदों का वर्णन करें
 - 3 विशेषण किसे कहते हैं विशेषण के भेदों का वर्णन
 - 4 क्रिया किसे कहते हैं क्रिया के भेद का वर्णन करें
 - 5 अव्यय किसे कहते हैं अगले के भेदों का वर्णन करें
 - 6 नेताजी का चश्मा पाठ के अभ्यास प्रश्न याद करो

कला

1. खेलों के महत्व या फिट इंडिया विषय पर एक चित्र बनाएं
2. योग दिवस और विश्व पर्यावरण दिवस पर एक एक चित्र बनाएं
3. वेलकम कार्ड, 15 अगस्त पर 2 greeting card बनाएं
- 4- रंगीन कागज को चिपका कर एक कोलाज और 3 कैलीग्राफी बनाएं
- 5- अपने पसंद से कोई भी एक क्राफ्ट कार्य और clay से आकृति बनाएं.
- 6 प्रकृति दृश्य या ।लैंडस्केप अपनी कल्पना से चित्र बनाए और सेव एनर्जी पर चित्र बनाए

सभी कार्य A3 साइज की आइवरी शीट में करें

MATHEMATICS

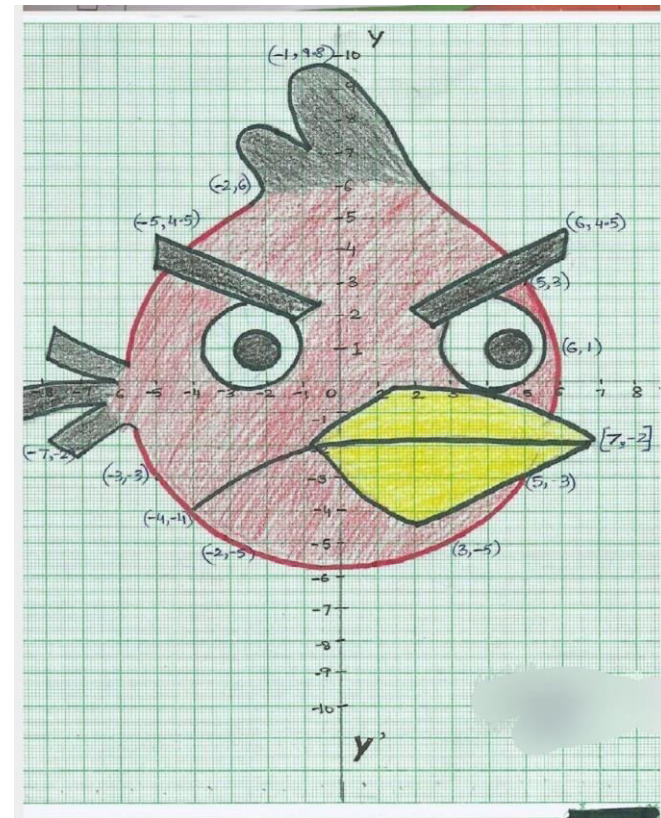
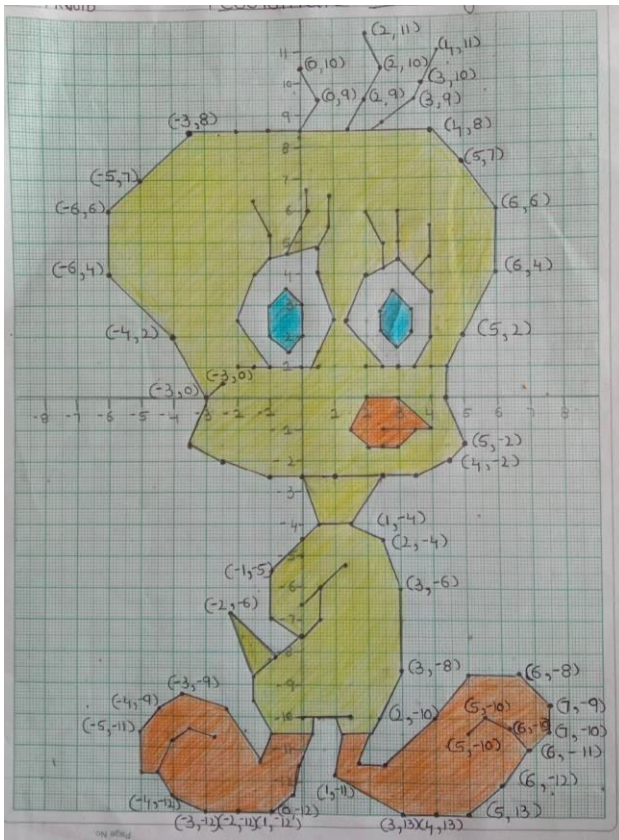
PART-A

4. Prepare atleast two Mathematics articles on A4 sheets.(Puzzles/About Mathematicians/Vedic tricks/shortcut tricks/Sketches of famous mathematicians/Activity/Intersting facts/fogures etc)
5. WRITE FIRST FIVE EXPERIMENTS IN YOUR RECORD NOTEBOOK.

PART-B(Art Integrated Project)

(Perform the following activity stepwise as mentioned below)

Step 1: Draw a Cartesian Plane (XY Plane) on a Chart Paper or A3 Paper. Draw on this plane the sketch of any object (Living or Non-Living thing or any other object as you wish) so that the drawing cover all quadrants and colour it beautifully. **(Refer Images below to have idea)**



Step 2: Take any 10 points on the boundary of this drawing, name those points as A,B,C etc and then write the coordinates of all these points.

Step 3: Choose any 2 points on the drawing and find distance between those points. (Self study distance formula from chapter coordinate geometry and find distance)

WORKSHEET

1. If a and b are positive integers, then $\text{HCF}(a,b) \times \text{LCM}(a,b)$ is
 - (a) axb
 - (b) $a+b$
 - (c) $a-b$
 - (d) (a/b)

2. For some integer q , every odd integer is of the form
(a) q (b) $q+1$ (c) $2q$ (d) None of these
3. For some integer q , every even integer is of the form
(a) q (b) $q+1$ (c) $2q$ (d) None of these
4. If α and β are zeroes of quadratic polynomial $p(x) = 6x^2+x-2$, then find value of $\alpha/\beta + \beta/\alpha$
(a) 0 (b) 1 (c) -1 (d) None of these
5. If $a-b$, a , $a+b$ are zeroes of polynomial x^3-3x^2+x+1 , then find value of $a+b$.

7.

The value of k for which the system of equations $kx - y = 2$ and $6x - 2y = 3$ has a unique solution is

- (a) $k = -3$ (b) $k \neq -3$ (c) $k = 0$ (d) $k \neq 0$

8.

If the pair of equations $2x + 3y = 7$ and $kx + \frac{9}{2}y = 12$ have no solution, then the value of k is:

- (a) $\frac{2}{3}$ (b) -3 (c) 3 (d) $\frac{3}{2}$

9.

Solve each of the following system of linear equations graphically:

$x + 2y = 3$; $4x + 3y = 2$.

10. Observe the graphs $y = f(x)$ and $y = g(x)$ of a polynomial carefully and answer the following:

	FIGURE-A	FIGURE-B
i)	The number of zeroes shown in the polynomial in Figure -A are ? a) 1 b) 2 c) 0 d) 3	
ii)	The number of zeroes shown in the polynomial in Figure -B are ? a) 2 b) 1 c) 0 d) 3	
iii)	The graph in Figure-A represents the polynomial- a) $y = x^2 + 2x + 3$ b) $y = x^3 + 3x + 2$ c) $y = x^3$ d) $y = x^3 - x$	
iv)	The graph in Figure-B represents the polynomial- a) $y = x^2 + 2x + 3$ b) $y = x^3 + 3x + 2$ c) $y = x^3$ d) $y = x^3 - x^2$	

SPORTS AND GAME

- 1 सभी बच्चे किसी एक गेम के बारे में लिखेंगे
- Q.2 अंतर्राष्ट्रीय योग दिवस के बारे में एक पेज लिखिए
- Q.3 राष्ट्रीय खेल दिवस के बारे में एक पेज लिखिए
- Q.4 प्रतिदिन 30 से 40 मिनट योगा फ्री एक्सरसाइज अपने घर पर रहकर करेंगे

LIBRARY

1. Make one Book mark and 1 newspaper carry bag
2. Write a book review of any book you have recently read.
3. Write an essay over international book day.
4. Read 1 newspaper daily.
5. Write a detailed note on functioning of school library in kendriya vidyalaya sangathan