Kendriya Vidyalaya Nabrangpur

(Summer Vacation Holiday Homework)

CLASS: VI

MATHEMATICS

1. Fill in the blanks:
   (a) 1 million=……lakh.
   (b) The two digit largest whole number is…..
   (c) The successor of the largest of the 2 digit number is…….
   (d) The smallest prime number is……

2. Which of the following statements are true(T) and which are false(F)?
   (a) 1 is the smallest whole number.
   (b) 600 is the successor of 599.
   (c) If a number is divisible by 3, it must be divisible by 9.
   (d) All natural numbers are whole numbers.

3. Write the roman numerals for: (i) 38   (ii) 59.

4. A student multiplied 7236 by 65 instead of multiplying by 56. How much was his answer greater than the correct answer?

5. Find the difference between the greatest and the least number that can be written using the digits 6,2,7,4,3 each only once.

6. A vessel has 4 litres and 500ml of curd. In how many glasses, each of 25ml capacity, can it be filled?

7. Estimate each of the following using general rule:
   (a) 728+996
   (b) 796 – 314

8. Write the three whole numbers occurring just before 10001.

9. Write the successor of: (a) 254670   (b) 100199

10. Find the value of:
    (a) 298X17 + 298X3
    (b) 71264X169 – 71264X69

11. A vendor supplies 32 litres of milk to a hotel in the morning and 68 litres of milk in the evening. If milk costs Rs. 15 per litre, how much money is due to the vendor per day?

12. Find using distributive property:
    (a) 628X101
    (b) 5247X1001

13. Write all the factors of (a) 27   (b) 36.

14. Write the first five multiples of 12.

15. Write seven consecutive composite numbers less than 100 so that there is no prime between them.

16. Write five pairs of prime numbers less than 20 whose sum is divisible by 5.

17. Find the common factors of:
    (a) 20 and 28   (b) 35 and 50.
18. Write and learn the tables from 2 to 20.

19. For her school science project Shreya performed an experiment in science lab. She prepared a report where she got different values of freezing points of some gases and her report was characterized into two categories that was degree Celsius and degree fahrenheit. The given table shows the freezing points in (°F) of different gases at sea level.

| Gases	Freezing point at sea level(°F)	Freezing point at sea level(°C)
Hydrogen	-435	
Krypton	-251	
Oxygen	-369	
Helium	-458	
Argon	-309	

Q.1 Using the above table, list the gases in decreasing order according to their freezing point at sea level.

Q.2 Convert each into (°C) using the relation. C=5/9 (F-32).

Q.3 Which one of the gas has lowest temperature.

20. One day Rohit went to the market for brought a water tank for his home. Then he got a water tank for his house capacity 450 litres. He filled the tank to its brim. After one hour he noticed that the quantity

of water has decreased due to a small hole in the tank. He observed the tank for next two hours and found out that quantity of water is decreasing at the rate of 9 litres every hour.
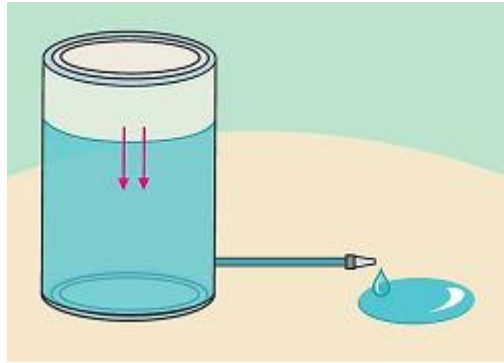
Q.1 What will be the quantity of water in the tank after 10 hours.

Q.2 After how many hours the tank would be empty?

Q.3 What kind of precautions should we have taken to save the water?

ENGLISH

1) Write 30 Verbs and their three forms.

2) How many parts of speech are there, write with definition and examples?

3) Write a letter to your friend to spend few days with you in summer vacation.

4) Write a story with the outlines

One day-------summer time------very hot-------search for water-----saw little water----cannot reach----pebbles-----

5) Make a comic form of the story How the dog found himself a new master.

6) Write one page of handwriting every day.

7) Read and revise the chapters taught to you already.

8) Make a tense chart.

9) Prepare a Write up on G20.(Prepare it in a Project File)

Hindi

1. प्रति दिन एक पृष्ठ सुलेख लिखिए।

2.'वह चिड़िया जो'– इस कविता को सस्वर के साथ याद कीजिए।

3. 'ऑनलाइन शिक्षा'-इस विषय पर अपने अनुभव के अनुसार अनुच्छेद लिखिए।

4. निम्नलिखित शब्दों के वहुवचन रूप लिखिए।

(गाय, पुस्तक,आँख,कलम,बच्चा, कपड़ा, रीति, पंक्ति, टोपी, वस्तु, गुरु, मित्र)

5.निम्नलिखित शब्दों के लिंग बदल कर लिखिए।

(छात्र, श्रीमान, नर, चाचा,नौकर, अध्यापक, मोर, अभिनेता, युवक, शिक्षक, तपस्वी, बुद्धिमान)

6.हिंदी महीनों के नाम क्रम से लिखिए।

7. पढाये गये सभी पाठ के प्रश्न-अभ्यास कीजिए।

केन्द्रीय विद्यालय नबरंगपुरम्
ग्रीष्मावकाशस्य गृहकार्यम्
वर्षम्-2023-24

कक्षा-षष्ठी   विषयः-संस्कृतम्

1. पाठक, धावक, कृषक एवं चालक आदि शब्दों का शब्दरूप लिखना।
2. पठ् एवं गम् धातुओं का धातुरूप लट् , लृट् , लड़ , तथा लोट् लकारों में लिखना।
3. संस्कृत भाषा के तीन लिंग, तीन पुरुष तथा तीन वचन कौन-कौन से हैं लिखो ।
4..Pg.no.5/6   Qu. no.4.   चित्रों को बना कर साथ में प्रश्न उत्तर लिखना।
5.मञ्जूषा से पद चूनकर रीक्त स्थान भरिए ।

नृत्यन्ति   गर्जतः धावति चलतः फलन्ति खादति

(क)   मयूराः ....।   (घ) सिंहौ ....।
(ख)   गजौ ....।   (ङ) वानरः ....।
(ग)   वृक्षाः ....।   (च) अश्वः ....।
————————o————————

Science

S.NO	QUESTIONS	DAYS TO BE COMPLETED ON
1.	Learn all the spellings of highlighted words given on the Chapter 1 and chapter 2	4/5/23 -7/5/23
2	Write all the definitions of key words of chapter 1 and chapter 2	8/5/23-14/5/23
3	Learn and write all the textual questions with their answers.	15/5/23- 24/5/23
4	Complete Learner's Diary for chapter 1 and 2 (atleast 4 of each chapter)	25/5/23-1/6/23
5	Paste pictures of sources of carbohydrates, Proteins ,Fats and Vitamins in your Scrap book	2/6/23- 5/6/23
6	Write and learn Table 2.3, Chapter 2	6/6/23- 10/6/23
7	Activities:- a) Prepare a diet chart to provide balance diet to a twelve year old child. b) Find out which nutrients are present in animal food. c) Find out the names of plants that grow in water and which are eaten as food.	11/6/23-15/6/23

Social Science

1. Complete all the assignment ie. Home Work and class work.

2. Plant a sampling on World Environment Day (5th June) and keep the pictures.

3. Write about some archeological sites of Odisha.

4. Write about your visit of any historical place.

5. Prepare a model of 'Solar System'.

6. Write an essay on 'Unity in Diversity' and include your own experience.

Computer

1. What is MS-Word, MS-Excel and MS-PowerPoint ? Explain in details.
2. What is Internet? Explain in details.
3. Write in details about Web Browser, Websites, Web Pages, and Search Engines
4. Explain Cyber Crime? Enquire and write about different cyber crime.
5. Imagine that we are going to live with robots in near future. Robots become part of our family and helping us in our daily life. For ex. doing our homework, cleaning our house etc. and write your views about it.
6. Enquire about Artificial Intelligence (AI). How it will impact our life in future? Write your views?

ART EDUCATION

1) Draw a geometrical design in your drawing book with the help of geometrical shapes and lines.

- Complete 4 geometrical design.
- 2 design with pencil shading and 2 design should be colourful.
- Design should be neat and clean.

Class VII

Social Science

Q.1-All the students write in their notebook (i.e.Important points, TextbookQuestion&Answer) from all those chapters of S.St. which have already completed before Summer vacation till 1st May 2023.

****Also complete Learner's Diary of completed chapters..****

(Memorize and understand it and keep repeating it, so that you don't have problems during PT—1 EXAM.)

Q.2-Prepare any social science based 3-Dmodel or ONEPROJECTREPORT or COLLAGE or CHART

(Topic-- ENVIRONMENT/ Inner Structure of the Earth / Rock Cycle / Layers of Atmosphere / Water Cycle / MEDIA / MARKET AROUND US / WOMEN CHANGE THE WORLD etc.) with the help of your S. St. Text book + Internet + magazine etc.)

*** Inthe project report student should be mentioned It's Objectives,how it help in enhancing thel ife skill sof the student, mention some ar work or drawing, tc.***

Q.3-All the student related to this class will preparea Very short type(VSA) Question Bank fromeach S.ST.portion (200QUESTION for each portion) according to the details given below.

     **** (no copy paste ...only hand written Q. Bank will be acceptable)

Questions will be VSA type /MCQ/1 Word answer / FILL in the blanks types/true false .

    (Be sure that no one copy to each other's question banks)

    Roll no.1 to 13 (from HISTORY)

    Roll no. 14 to 26 (fromGeography)

    Roll no. 27 to 40 (from Civics/Political science chapters)

Q.4- On World Environment Day (5th June 2023) Do the plantation with your family and click some photo and paste it in your Assignment copy.

Hello students--- YOU CAN ENJOY THE SUMMER VACATION WITH FUN AND LEARN / READING- WRITING OR WATCHING SOCIAL ISSUES/HISTORY BASED MOVIE / DO SOMETHING NEW

LIKE…..

SOCIAL ISSUES/HISTORY BASED MOVIE- suggested movies any 3)

-1- Gandhi,   2- The Rising: Balad of Mangal Pandey,   3- Netaji Subhas chandrabose: the forgotten hero,   4- Dr. Baba Saheb Ambedkar,   5- The Legend of Bhagat Singh, 6- JAI Bhim,   7- Article-15,   8- Mulk,   9- Shudras 10- Gargi, 11- Rang De Basanti , 12- JANA GANA MANA,   13- JAYA JAYAJAYA... JAYA HEY

 or any of your choice but it must be relevant to social science syllabus

READING PURPOSE-- Suggested Books- (ANY 2)

  1- Discovery of India, 2- wings of fire , 3- My experiment with truth, 4- the jungle book , 5- Malgudi Days, 6- Biography of famous politician + sports persons + social workers+warriors etc...

(BY---AMIT KUMAR YADAV ,TGT- S.St.)   ----------------   (KV NABARANGPUR)
                    CLASS-VII- SCIENCE --- Summer Holiday Homework 2023-24

SCIENCE

1. Plants prepare their food using a different mode of nutrition than us. What is it?
2. Photosynthesis requires chlorophyll and a few other raw materials. Add the missing raw materials to the list given below: Water, minerals,(a)……..(b)………
3. The tiny openings present on the leaf surface. What are they called?
4. Which parts of the plant are called food factories of the plant?
5. A carbohydrate is produced by plants as food source. It is constituted from which molecules.
6. Why do some plants feed on insects?
7. Except plants, why can't other living organisms prepare their food using CO2, water and minerals?
8. A leguminous plant can restore the soil's concentration of mineral nutrients. Can you give examples of some such plants?
9. Algae are green in colour. Why?
10. A unique feature in leaves allows them to prepare the food while other parts of plants cannot. Write the possible reason for this.
11. In a plant, photosynthesis occurs in a part other than leaf. Name that plant and the part where photosynthesis occurs.
12. Why is Cuscuta, categorized as a parasite?
13. What is the stored food form in sunflower seeds?
14. For testing the presence of starch in leaves, a boiled leaf is used. Why?
15. Wild animals like tiger, wolf, lion and leopard do not eat plants. Does this mean that they can survive without plants? Can you provide a suitable explanation?
16. Fill in the blanks of the paragraph given below with the words provided in the box.
    [Chlorophyll, Energy, Food, Carbon dioxide. Water, Photosynthesis]
    (Note: A word can be used more than once)
    Leaves have a green pigment called _____(a)_____ which captures _____(b) _____
    from sunlight. This _____(c)_____ is used in the process of _____(d)_____ and
    along with other raw materials like _____ (e) _____ and ____ (f) _____ synthesises
    _____.
17. Can you give me a name?
    Solve each of the following riddles by writing the name of the organism and its mode of nutrition. One riddle is solved to help you.
    (a) I am tall but I cannot move. I am green and can prepare my own food. Tree, autotroph
    (b) I live in water; people keep me in an aquarium and feed me. _____ , _____
    (c) I am small and I can fly. I disturb your sleep, bite you and suck your blood which is my food. _____ , _____

(d) I am white and soft. I grow well in the rainy seasons. Children pluck me from the ground and admire me. I absorb nutrients from decomposed dead parts of plants and animals in the soil. _____ , _____

Maths

1. When the integers 10, 0, 5, -5,-7 are arranged in descending or ascending order, then find out which of the following integers always remains in the middle of the arrangement.
   (a) 0   (b) 5   (c) – 7   (d) -5

2. By observing the number line, state which of the following statements is not true?
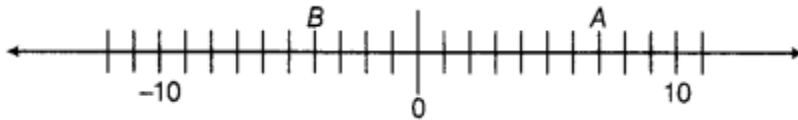
   a) B is greater than -10   (b) A is greater than 0
   (c) B is greater than A   (d) 6 is smaller than

3. By observing the above number line, state which of the following statements is true?

   (a) B is 2   (b) A is – 4   (c) S is -13   (d) B is – 4

4. Next three consecutive numbers in the pattern 11, 8, 5, 2,_____ ,___ ,___ are
   (a) 0, – 3, – 6   (b)-1,-5,-8   (c) – 2, — 5, – 8   (d)-1,-4,-7

5. Which of the following statements is not true?   ;

   (a) When two positive integers are added, we always get a positive integer.
   (b) When two negative integers are added, we always get a negative integer.
   (c) When a positive integer and a negative integer are added, we always get a negative integer.
   (d) Additive inverse of an integer 2 is (-2) and additive inverse of (-2) is 2.

6. On the following number line value, 'zero' is shown by the point
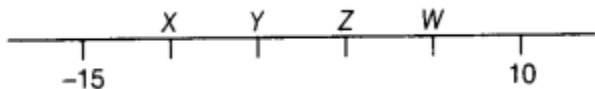
   (a) X   (b) Y   (c) Z   (d) W

7. The value of 5 + (- 1) does not lie between
(a) 0 and -10   (b) 0 and 10   (c) – 4 and -15   (d) – 6 and 6

8 If ⊗, ○,⊘ and • represent some integers on number line, then descending
order of these numbers is

(a) •,⊗,⊘,○   (b) ⊗,•,⊘,○   (c) ○,⊘,⊗,•   (d) ○,•,⊗,⊘

9. Water level in a well was 20 m below ground level. During rainy season, rainwater collected in different water tanks was drained into the well and the water level rises 5 m above the previous level. The wall of the well is lm 20cm high and a pulley afixed at a height of 80 cm. Raghu wants to draw water from the well. The minimum length of the rope, that
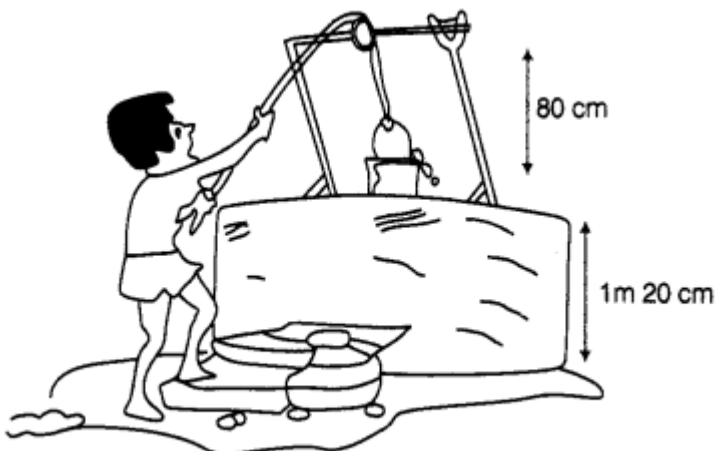
he can use is   (a) 17 m   (b) 18 m   (c) 96 m   (d) 97 m

10.
Fill in the blanks: -
i. A fraction is a number which can be written in the form a/b, where a, b
are _____numbers and b ≠ 0.
ii. If numerator and denominator of a fraction have no common factor other than 1, then the fraction is said to be in its_____ form.
iii. if cd=m×am×bcd=m×am×b ,then fractions abab and cdcd are called_____ fractions because they represent the _____portion of the whole.
iv. The value of the product of two proper fractions is_____ than each of the two fractions.
v. The product of two improper fractions is_____ than the two fractions.
vi. A fraction whose denominator is any of the numbers 10,000, 1000 etc, called
a_____

vii. 11.5 ÷ _____ =1.

viii. If 312.5 ÷ 25 = 12.5, then value of 3.125 ÷ 25 is_____.

ix. The product of a proper and an improper fraction is_____ than the improper fraction and _____then the proper fraction.

x. When a decimal number is multiplied by 10,000 or 1000 the digits in the product are same as in the decimal number but the decimal point in the product is shifted to the _____by as, many of places as there are zeros over one.

11. State true / false.

i. A decimal fraction is a fraction where the denominator is 10 or higher power of 10.

ii. Every integer can be expressed as a fraction.

iii. Like decimals have the same number of decimal places.

iv. Natural numbers can be expressed as a proper fraction.

v. The reciprocal of 2727 is 7272

vi. The reciprocal of a proper fraction is a proper fraction.

vii. The reciprocal of an improper fraction is an improper fraction

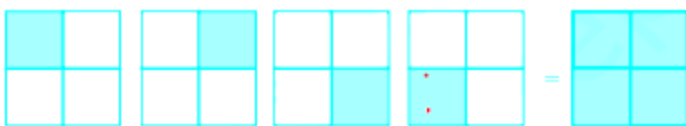viii. The product of 7 and 364364 is 31123112

12. A fruit seller buys 712 fruits, of which 3/4 are apples. Of all the apples that he bought, 1/3 were found to be rotten. If he sold all the good apples at Rs. 514514 each. How much money did he receive on selling all the good apples.

13. The picture interprets

a. 3×1/4   b. 3÷1/4   c. 1/4÷3   d. 3×3/4

14. The picture interprets

a. 4×1/4b. 4÷1/4 c. 1/4÷4

PISA based question

15.

PIZZA

Riya, Teena and John are three friends. They meet after long time. They go to enjoy PIZZA together. While Riya wants capsicum and onion as toppings in her pizza, John wants mushroom and pepperoni and Teena wants to have black olives and capsicum. After much discussion they finally agree to have a combination of all the toppings with equal number of pieces of each type.
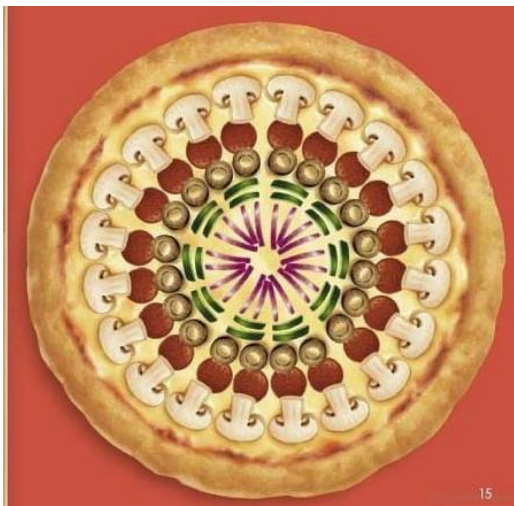
Q 1.   What is the fraction of mushrooms in all the toppings in this pizza?

Q 2.   If there are total 20 pieces of capsicum and fraction of capsicum pieces is 1/5 of total toppings, find the total number of pieces of all the toppings in the pizza.

Q 3.   Find the fraction of choice of Riya's toppings in Pizza.

Q 4.   What is the sum of fractions of all the five toppings?

16.ANIMAL SHELTER

Priya is an animal lover. She loves animals and takes care of them whenever she gets time. She loves to spend her free time with them. There is an animal shelter near her house, which she visits regularly. In this shelter there are total 150 animals. 4/6 of these animals are cats .Of the cats ½ are male.

Q 1.   How many total cats are there in the shelter?

Q 2.   How many total female cats are there in the shelter?

Q 3.   What fractions of animals at the shelter are male cat?

Q 4.   What is the number of total animals other than cats in the shelter?

ENGLISH

Write 30 Verbs and their three forms.

1) How many parts of speech are there ,write with definition and examples
2) Write a letter to your friend to spend few days with you in summer vacation.
3) Make a comic form of the story A gift of Chappals.
4) Write one page of handwriting everyday.
5) Read and revise the chapters taught to you already.
6) Make a tense chart.
7) Write a paragraph on COVID -19.
8) Write down two news items daily (in brief).
9) Read any story book and write two stories in your own language
10) Prepare a write up in about 500 words on G20 in a project file.

केन्द्रीय विद्यालय नबरंगपुरम्
वर्षम्-2023-24

कक्षा-सप्तमी   विषय-संस्कृतम्

ग्रीष्मावकाशस्य गृहकार्यम्

1.शब्दरूपाणि- एतत् शब्दस्य एवं किम् शब्दस्य त्रिषु लिंगेषु लिखत।

2. धातुरूपाणि- चर् एवं कृ धातुरुपाणि पंचलकारेषु लिखत।

3. प्रश्ननिर्माणम् यथा- अश्व: धावति।

क: धावति ?

क. <u>सत्येन</u> वाति वायु: ।

ख.सर्व <u>सत्ये</u> प्रतिष्ठितम् ।

ग.<u>वसुन्धरा</u> बहुरत्ना भवति।

घ. पृथिव्यां <u>त्रीणि</u> रत्नानि ।

ङ.सद्भिः <u>मैत्रीं</u> कुर्वीत ।

4.Pg.no.90 (उपपदविभक्ति प्रयोग:) यथा- सह- सहित वाक्य- बालिका बालकेन सह पठति।

1. परित:- 2. बहि:- 3. उभयत:-   4. धिक्   5. अध: (एतै: पदै: एकम् एकं वाक्यं रचयत)

5. प्रथमपाठस्य श्लोकाः शब्दार्थाःश्च स्वपुस्तिकायां लिखत ।

---------------०--------------

Hindi

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

1.शहरीकरण से पर्यावरण किस प्रकार प्रभावित होता है 10 पंक्तियां लिखिए

2.सावन,कार्तिक,फाल्गुन में कौन-कौन से त्योहार आते हैं किसी एक पर अनुच्छेद लिखिए

3.आपके आसपास पर्यटक स्थलों की जानकारी एकत्रित करके लिखिए

4.नदियों से हमें क्या क्या लाभ होते हैं 10 पंक्तियां लिखिए

5.आपके आसपास में गंदगी होने पर सफाई के लिए नगरपालिका अध्यक्ष को एक प्रार्थना पत्र लिखिए

7. पाठ्यपुस्तक से द्वंद समास के 10 उदाहरण खोजकर लिखिए।

8.वसंत भाग-2 एवं बाल महाभारत कथा के पाठ 1 से 5 पढ़ें। (जो आपके पाठ्यक्रम का हिस्सा ना हो उन्हें छोड़ दे) तथा पढ़ाई गए सभी पाठों को याद करें

9 .रोज एक सुंदर सुलेख करें।

7. Describe basic units of computer also write the function of each units.

8. Write notes on the following (with diagram)
   - Types of Printer
   - Types of Plotter
   - Types of Memory

9. What do you understand by Formatting in MS Word? Explain with example.

10. Write short essay on Internet and its uses.

11. What is Computer Virus? Explain its types? What is Antivirus?

12. Imagine that we are going to live with robots in near future. Robots become part of our family and helping us in our daily life. For ex. doing our homework, cleaning our house etc. and write your views about it.

13. Enquire about Artificial Intelligence (AI). How it will impact our life in future? Write your views?

1) Draw one(1) Indoor Drawing in your drawing book and apply pencil shading.

2) Draw one(1) Outdoor Drawing in your drawing book and make it colourful.

3) Draw one(1) natural scenario and make it colourful.

4) Complete one drawing/painting of your choice for school magazine.
   - Use separate A4 size paper.
   - You are free to choose topic.
   - It must be colourful.

MDP FOR CLASS - VII (A+B)--(GROUP WISE - 5 TO 6 STUDENTS ONLY IN A GROUP)

LAST SUBMISSION DATE - 30-06-2023...

DOUBTS CLEARANCE AND INSTRUCTIONS WILL BE GIVEN BY SUBJECT TEACHER / CLASS TEACHER IN YOUR CLASS —————————

TOPIC – VIDYALAYA

ACTIVITIES					
ENGLISH	**HINDI**	**SANSKRIT**	**MATHEMATICS**	**SCIENCE**	**SOCIAL SCIENCE**
❑ Write a poem on your Vidyalaya. ❑ Write a Paragraph on school life.	❑ विद्यालय में वार्षिकोत्सव मनाने हेतु प्राचार्य को प्रार्थनापत्र लिखें । ❑ विद्यालय जीवन के महत्त्व के बारे में एक निबंध लिखें	❑ Prepare a list of 20 things used in school and write down there names in Sanskrit.	❑ Find out gender ratio of students of each class and student teacher ratio of your school.	❑ Make a list of activities, you can do to make your Vidyalaya"S waccha Vidyalaya".	❑ Write a brief note on "Right to Education Act-2009"

S.ST- SPECIAL WORK FOR ALL STUDENTS (COMPULSORY)---- Go through the Information regarding G20 and prepare a self made write up in about 500 words and submit it to the class teacher after the vacation. Its mandatory for all the students. Everyone of you should submit it after the vacation. The best one will be sent to RO for further competition.
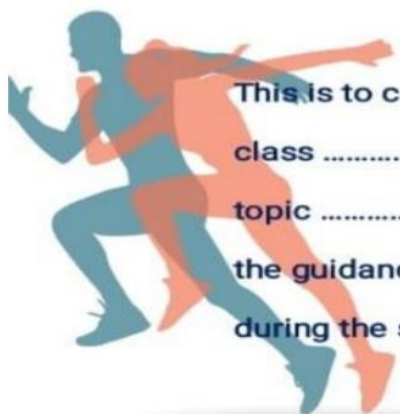
Sample Idea

PRESENTATION

1. Cover page
2. CERTIFICATE
3. ACKNOWLEDGEMENT
4. index
5. OBJECTIVE of the project
6. ACTIVITIES
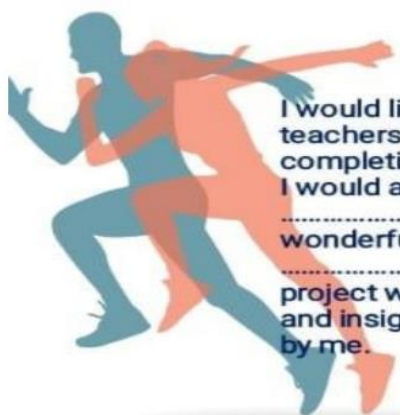7. What I learnt from the project
8. BIBLIOGRAPHY

Certificate

This is to certify that I,.. , a student of

class .... has successfully completed my MDP on the

topic .... under

the guidance of ....

during the session 2022-23.

Signature of the Student

ACKNOWLEDGEMENT

I would like to convey my heartfelt gratitude to all subject teachers for their tremendous direction and assistance in the completion of my project.
I would also like to thank our esteemed Principal, ..., for providing me with this wonderful opportunity to work on the project with the topic .... This project would not have been accomplished without their help and insights. This project is my original work and has been done by me.

Signature of the Student

Class VIII

Q.1- All the students write in their notebook (i.e. Important points, Textbook Question & Answer) from all those chapters of S. St. which have already completed before Summer vacation till 1st May 2023.

****Also complete Learner's Diary of completed chapters..****

(Memorize and understand it and keep repeating it, so that you don't have problems during PT—1 EXAM.)

Q.2- Prepare any social science based 3-D model or ONE PROJECT REPORT or COLLAGE or CHART

(Topic-- RESOURCES/ TYPES OF SOIL / NATURAL VEGETATION AND WILD LIFE/TYPES OF AGRICULTURE/INDUSTRIES / ABOUT INDIAN CONSTITUTION / PARLIAMENT/ JUDICIARY/INDIA AFTER INDEPENDENCE/ NATIONAL MOVEMENT-1870-1947//WOMEN CASTE AND REFORM etc.) with the help of your S. St.Text book + Internet + magazine etc.)

*** In the project report student should be mentioned It's Objective , how it help in enhancing the life skills of the student, mention some art work or drawing ,etc.***

Q.3- All the student related to this class will prepare a Very short type (VSA) Question Bank from each S.ST. portion (200 QUESTION for each portion) according to the details given below.

**** (INFORMATION--- no copy paste ...only hand written Q. Bank will be acceptable)

 Questions will be VSA type / MCQ / 1 Word answer / FILL in the blanks types/true false .

   (Be sure that no one copy to each other's question banks)
   Roll no.1 to 13 (from HISTORY)
   Roll no. 14 to 26 (fromGeography)
   Roll no. 27 to 40 (from Civics/Political science chapters)

Q.4- On **World Environment Day** (5th June 2023) Do the plantation with your family and click some photo and paste it in your Assignment copy.

HELLO STUDENTS--- YOU CAN ENJOY THE SUMMER VACATION WITH FUN AND LEARN / READING- WRITING OR WATCHING SOCIAL ISSUES/HISTORY BASED MOVIE / (DO SOMETHING NEW LIKE.....)

SOCIAL ISSUES/HISTORY BASED MOVIE- suggested movies any 3)
-1- Gandhi,   2- The Rising: Balad of Mangal Pandey,   3- Netaji Subhas chandra bose: the forgotten hero,
4- Dr. Baba Saheb Ambedkar,   5- The Legend of Bhagat Singh, 6- JAI Bhim,   7- Article-15,   8- Mulk,
9- Shudras   10- Gargi, 11- Rang De Basanti , 12- JANA GANA MANA,   13- JAYA JAYA JAYA... JAYA HEY
 or any of your choice but it must be relevant to social science syllabus
READING PURPOSE-- Suggestede Books- (ANY 2)
   1- Discovery of India, 2- wings of fire , 3- My experiment with truth, 4- the jungle book , 5- Malgudi
      Days, 6- Biography of famous politician + sports persons + social workers + warriors etc...

Topic- CROP ROTATION AND MANAGEMENT

1. What is crop?

2. Into how many types crops are categorised? Name them and define each of them.

3. Why paddy cannot be grown in Winter season?

4. What are agricultural practices?List various agricultural practices.

5. Describe the preparation of soil.

6. What is ploughing ?

7. Describe the types of tools used for ploughing.

8. What is sowing?

9. Why it is necessary to select good variety of seeds?

10. How is sowing done?

11. What are the advantages of using seed drill for sowing?

12. What are manures and fertilizers?

13. Differentiate between Manures and fertilizers.

14. What are advantages of using manures?

15. What are fertilizers?Give some examples of fertilizers.

16. What is Crop rotation?

17. What is irrigation? What are sources of irrigation?

18. Describe the modern methods use for irrigation.

19. What are weeds?

20. What is weeding and why it is necessary?

21. What are different ways that farmers use for removing weeds?

22. What is harvesting and how it is done?

23. What is threshing and winnowing?

24. Why it is important to dry harvested before storage?

25. What are Granaries and siloes?

26. What is Animal husbandry?

27. What do we get from cod liver oil obtained from fish?

28. In summer,the frequency of watering is high.Why it is so?

OBJECTIVES-

1._____ is the first step before growing crop.
2._____is an organic matter added to the soil as nutrient.
3.Plant contains nearly _____% water.
4.The removal of weeds is called _____.
5._____is a certain chemical used to control weeds
6. Seed drill is used for_____.
7._____is the certain bacteria that fixes atmospheric nitrogen in the soil.

**** BY- MRS. ALKA ASGAR (PGT- BIOLOGY , KV NABARANGPUR)

SUMMER HOLIDAY HOMEWORK FOR ------ MATHEMATICS ------

1. A number which can be expressed as p/q where p and q are integers and q ≠ 0 is

(a) natural number. (b) whole number. (c) integer. (d) rational number.

2. Which of the following is not true?

(a) rational numbers are closed under addition. (b) rational numbers are closed under subtraction.

(c) rational numbers are closed under multiplication. (d) rational numbers are closed under division.

3. Zero (0) is

(a) the identity for addition of rational numbers. (b) the identity for subtraction of rational numbers.

(c) the identity for multiplication of rational numbers. (d) the identity for division of rational numbers.

4. One (1) is

(a) the identity for addition of rational numbers.   (b) the identity for subtraction of rational numbers.

(c) the identity for multiplication of rational numbers. (d) the identity for division of rational numbers.

5. Multiplicative inverse of a negative rational number is

(a) a positive rational number. (b) a negative rational number   (c) 0   (d) 1

6. If x + 0 = 0 + x = x, which is rational number, then 0 is called

(a) identity for addition of rational numbers.   (b) additive inverse of x.

(c) multiplicative inverse of x.   (d) reciprocal of x

7. If x be any rational number then x + 0 is equal to   (a) x (b) 0 (c) – x (d) Not defined

8. The reciprocal of 1 is   (a) 1 (b) –1 (c) 0 (d) Not defined

9. The reciprocal of –1 is   (a) 1 (b) –1 (c) 0 (d) Not defined

10. The reciprocal of 0 is   (a) 1 (b) –1 (c) 0 (d) Not defined

11. Between two given rational numbers, we can find

(a) one and only one rational number. (b) only two rational numbers.

(c) only ten rational numbers.   (d) infinitely many rational numbers.

Fill in the blanks to make the statements true.

12. The equivalent of 5/7 , whose numerator is 45 is _____.

13. The equivalent rational number of 7/9 , whose denominator is 45 is _____.

14. The reciprocal of a positive rational number is _____.

15. The reciprocal of a negative rational number is _____.

16. Zero has _____ reciprocal.

17. The numbers _____ and _____ are their own reciprocal.

18. $(213 + 23)-1 = 213-1 +$ _____.

19. The negative of 1 is _____.

20. The negative of a negative rational number is always a _____ rational number.

State whether the statements are true (T) or false (F).

1. If x + y = 0, then −y is known as the negative of x, where x and y are rational numbers.

2. The negative of -6/5 is the number itself.

3. The negative of 0 does not exist.

4. The negative of 1 is 1 itself.

5. For all rational numbers x and y, x − y = y − x.

6. For all rational numbers x and y, x × y = y × x.

7. For every rational number x, x × 0 = x.

8. For every rational numbers x, y and z, x + (y × z) = (x + y) × (x + z).

9. For all rational numbers a, b and c, a (b + c) = ab + bc.

10. 1 is the only number which is its own reciprocal.

11. −1 is not the reciprocal of any rational number.

12. For any rational number x, x (−1) = −x.

13. For rational numbers x and y, if x < y then x − y is a positive rational number.

14. If x and y are negative rational numbers, then so is x + y.

15. Between any two rational numbers there are exactly ten rational numbers.

16. Rational numbers are closed under addition and multiplication but not under subtraction.

17. All positive rational numbers lie between 0 and 1000.

18. Zero is a irrational number.

19. Every fraction is a rational number.

20.. Every integer is a rational number.

21. The rational numbers can be represented on the number line.

22. The negative of a negative rational number is a positive rational number.

23. If x and y are two rational numbers such that x > y, then x – y is always a positive rational number.

24. 0 is the smallest rational number.

25. Every whole number is an integer.

26. Every whole number is a rational number.

27. 0 is whole number but it is not a rational number.

SHORT QUESTIONS ANSWER

1.Can you find a rational number whose multiplicative inverse is –1?

2. Find five rational numbers between 0 and 1

3. From a rope 40 metres long, pieces of equal size are cut. If the length of one piece is 10/3 metre,

find the number of such pieces.

4.Find the sum of additive inverse and multiplicative inverse of 7.

5.. Find the product of additive inverse and multiplicative inverse of –1/3 .

6.Roller Coaster at an amusement park is 2/3 m high. If a new roller coaster is built that is 3/5 times the height of the existing coaster, what will be the height of the new roller coaster?

Exercise 1.1-------------------Q no 1(I), 8

Exercise 1.2----------------------Q no 2,4

Exercise---2.1,   Q no 4,12

Exercise 2.2   Q no 2, 5, 8

Exercise 2.3   Q no 8, 10

Exercise 2.4   Q no 3, 9

Magic Squares

Name: _____   Date: _____

Fill in grids so that each column, row and diagonal add up to the given sum.

The sum is 65.

11	10			17
18	12	6		24
25		13	7	
	21		14	
	3		16	

The sum is 195.

51	72	3	24	
			42	
	18		60	66
30		57	63	9
33	54			

The sum is 260.

68	96		32	60
				64
16		52		
40	48		84	12
44	72			36

The sum is 65.

9		25	18	
3				
22	20	13		
16	14	7	5	
	8	1	24	

© 2022 puzzles-to-print.com

Unit 05 : Card Production (Continue...) [MAMEU05]

DebCard, a card manufacturing company, produces two types of cards: Gold and Platinum. At the end of the daily production, the Quality Control (QC) department ensures that defective cards are removed.

The following table shows the average number of cards of each type that are produced per day, and the average percentage of defective cards per day.

Card Type	Average number of cards produced per day	Average percentage of defective cards per day
Gold	8000	4%
Platinum	12000	3%

7

Question 18:[Q04] Three statements about the daily production of cards at *DebCard* are given below. Are these statements valid?
Circle "Yes" or "No" for each statement.

Statement	Is the statement correct?
(i) Two-thirds of the cards produced daily are Gold cards.	Yes/No
(ii) For every 100 Platinum cards produced, exactly 3 cards will be defective.	Yes/No
(iii) If a Gold card is chosen at random from the daily production for testing, the probability that it will be defective is 1/25.	Yes/No

Question 19:[Q05] The Quality Control department personnel claim that:
"On average, more Gold cards are defective than Platinum cards every day."
Decide whether or not their claim is correct. Give a mathematical argument to support your answer.

Question 20:[Q06] Another company, *CredCard,* also produces Gold and Platinum cards. At the end of the daily production runs, *CredCard* cards are tested and the defective ones are removed.

The tables below compare the average number of cards of each type that are made per day, and the average percentage of defective cards per day, for the two companies.

Company	Average number of Gold cards produced per day	Average percentage of defective cards per day
DebCard	8000	4%
CredCard	9000	5%

Company	Average number of Platinum cards produced per day	Average percentage of defective cards per day
DebCard	12000	3%
CredCard	4000	4%

Which of the two companies produce fewer defective cards per day? Show your calculations using the data in the tables above.
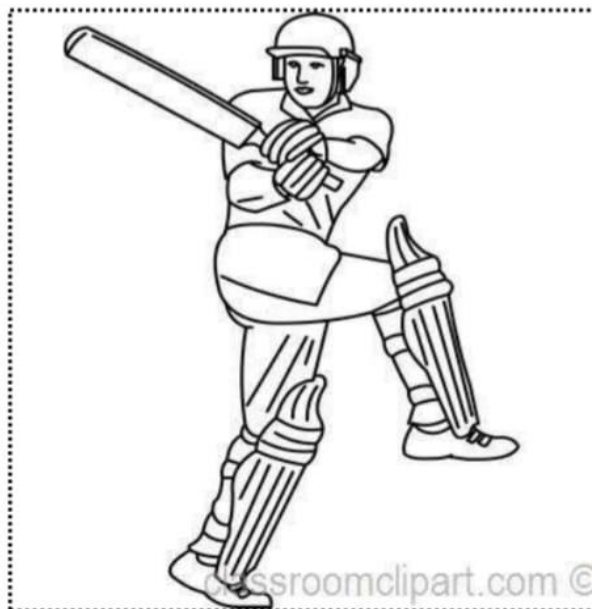
A batsman scored some singles, some 4's and some 6's in a cricket match. The number of singles made by a batsman is three times the number of 4's and number of 6's is one more than number of 4's made by the batsman. The batsman scored a total of 84 runs.

Question 11: [Q01] Formulate an equation for the total runs scored by the batsman where 'x' represents number of 4's.
A. $13x+6=84$
B. $13x+1=84$
C. $5x+10=84$
D. $5x=80$

Question 12: [Q02] Find the number of balls faced by the batsman which were turned into runs?

Question 13: [Q03] Find the numbers of singles, 4's and 6's scored by the batsman?

Question 14: [Q04] What will be the least number of balls the batsman has to strike to complete his century?
A. 2
B. 3
C. 4
D. 5

6

SUMMER HOLIDAY HOMEWORK FOR ——— ENGLISH———

KENDRIYA VIDYALAYA NABARANGPUR

HOLIDAY HOMEWORK (SUMMER VACATION-2023-24)

CLASS VIII

S.NO	SUBJECT	HOLIDAY HOMEWORK
1	ENGLISH	1. Complete the written work in your notebook of the chapters taught till date. Also learn and revise. 2. Write at least 50 words (2 new words daily). Find out their meanings and make sentence on your own. 3. STORY WRITING *Complete the story by using the given outlines; and give an appropriate title to it.* A farmer had five sons _____ were strong and _____ always quarreled _____ the farmer wanted _____ to stop quarrelling _____ wanted to live in peace _____ words of advice _____ not have much effect _____ called all his sons _____ bundle of sticks _____ break these sticks without separating _____ Each of the tried one by one _____ used their full strength _____ the old man separated the sticks They could break the sticks easily _____ farmer said _____ strong as long as it is tied up _____ will be weak if you are divided.
2	HINDI	

केन्द्रीय विद्यालय (नवरंगपुर, भुवनेश्वर)

ग्रीष्मकालीन अवकाश गृह कार्य

विषय – हिन्दी ,कक्षा – 8

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

1.वसंत ऋतु में आने वाले त्योहारों की सूची बनाकर किसी 1 पर अनुच्छेद लिखिए।

2 आपके मनपसंद कविता की कोई चार पंक्तियां लिखिए।

3.आपको छुट्टियों में किसके घर जाना अच्छा लगता है और क्यों ?

4.आज भी बाजार में हाथ से बनी हुई चीजें मिलती है उनकी सूची बनाइए।

5.यदि बस जीवित प्राणी होती और वह बोल सकती तो वह अपना कष्ट किन शब्दों में व्यक्त करती

6.किसी यात्रा में जाते समय की तैयारी का वर्णन अपने शब्दों में लिखिए।

7. अपने मित्र को जन्मदिन की शुभकामना देते हुए एक पत्र लिखिए।

8. रोज एक सुंदर सुलेख लिखें

9.वसंत भाग-3 के पाठ 1 से 5 एवं भारत की खोज के पाठ 1 से 3 पढ़ें ।(जो आपके पाठ्यक्रम का हिस्सा ना हो उन्हें छोड़ दे) पढ़ाई गए सभी पाठों की पुनरावृति करके उन्हें याद करें।

केन्द्रीय विद्यालय नबरंगपुरम्
ग्रीष्मावकाशस्य गृहकार्यम्

कक्षा-अष्टमी।   विषय-संस्कृतम्

1 सर्वनाम शब्द अस्मद् एवं युष्मद् रुपाणि लिखत ।

2 खाद् धातु पञ्चलकारेषु रुपाणि लिखत ।

3 प्रथम पाठस्य सर्वान् श्लोकान् सुलेखपूर्वकं लिखत ।

4 स्वरसन्धिः - दीर्घ,यण एवं गुणसन्धितः पञ्च-पञ्च   उदाहरणानि लिखत ।

5 समानार्थकं पदं चित्वा समक्षं रिक्तस्थाने लिखत-

मञ्जूषा-सज्जनाः, काकाः, कीर्तिः, त्यक्त्वा, राजा

1. यशः = ………………………..
2. नराधिपः = ………………………..
3. सन्तः = ………………………..
4. वायसाः = ………………………..
5. विहाय = ………………………..

—-----------o—------------

KENDRIYA VIDYALAYA NABARANGPUR

SUMMER VACATION HOMEWORK

SESSION:- (2023-24)

SUBJECT :- ART EDUCATION   CLASS:- VIII

1) Draw any 3 figurative drawing of your choice in your drawing book.

   - For example:- Birds on tree, Animals at ground...etc.

2) Draw one (1) Village Scene in your drawing and make it colourful.

3) Draw (1) Cover Page for our school magazine.

   - Use separate paper sheet for the same.

   - It should be neat and clean.

   - It must be colourful.

ଗ୍ରୀଷ୍ମ ଅବକାଶ ଗୃହକାର୍ଯ୍ୟ

ବିଷୟ : ଓଡ଼ିଆ

1)ଓଡ଼ିଆ ବର୍ଣ୍ଣମାଳା 5 ଥର ଲେଖ । (ସ୍ୱର ବର୍ଣ୍ଣ, ବ୍ୟଞ୍ଜନ ବର୍ଣ୍ଣର ବିଭାଗୀକରଣ) କରି ।

2) ଓଡ଼ିଆ ଭାଷାର ସମସ୍ତ ମାତ୍ରା ଗୁଡ଼ିକୁ 5 ଥର ଲେଖାଏଁ ଲେଖ ।

3)ଓଡ଼ିଆ ଭାଷାର ସମସ୍ତ ଫଳା ଗୁଡ଼ିକୁ 5 ଥର ଲେଖାଏଁ ଲେଖ ।

4)ଓଡ଼ିଆରେ ' **ଅ**' ଠାରୁ ' **ହ**' ପର୍ଯ୍ୟନ୍ତ ବର୍ଣ୍ଣ ଗୁଡ଼ିକୁ ଆରମ୍ଭରେ ରଖି ପ୍ରତ୍ୟେକ ବର୍ଣ୍ଣର୍ଣ୍ଣର 3ଟି ଲେଖାଏଁ ଶବ୍ଦ ଗଠନ କର । ଉଦାହରଣ ସ୍ୱରୂପ –
ଅ– ଅରଟ, ଅଟା,ଅଠା
ଆ –ଆମ୍ବ, ଆତ, ଆଠ
…… ଇତ୍ୟାଦି

5)ଓଡ଼ିଆରେ 1 (ଏକ) ରୁ 100(ଶହେ) ପର୍ଯ୍ୟନ୍ତ 5 ଥର ଲେଖ ।

Class VIII

Summer Holiday Homework (Computer)

1. Write an algorithm and draw the flow chart to find the area of Rectangle.

2. Write an algorithm and flowchart to find the area of Triangle.

3. Write an algorithm and flowchart to find the volume of cone.

4. Write an algorithm and draw the flow chart to find the largest among three numbers.

5. What do you understand by Artificial Intelligence enquire about it in details and give some real life applications of AI in daily life.

6. What is a Chabot? Enquire about it in details and write the same.
7. Imagine that we are going to live with robots in near future. Robots become part of our family and helping us in our daily life. For ex. doing our homework, cleaning our house etc. and write your views about it.

DETAILS OF MULTI DISCIPLINARY PROJECT FOR CLASS- VIII – A+B

MDP FOR CLASS – VIII (A+B)–(GROUP WISE - 5 TO 6 STUDENTS ONLY IN A GROUP)
LAST SUBMISSION DATE - 30-06-2023...
DOUBTS CLEARANCE AND INSTRUCTIONS WILL BE GIVEN BY SUBJECT TEACHER / CLASS TEACHER IN YOUR CLASS ——————————
TOPIC – ARYABHATTA - A LIVING GENIUS

ACTIVITIES

Topic- Aryabhatta : The Living Genius

ENGLISH-
➤ Write a paragraph on contribution of Aryabhatta in mathematical field.

हिन्दी-
➤ आर्यभट्ट की उपलब्धि पर 20 पंक्तियाँ लिखिए (Write 20 lines in Hindi about the achievement of Aryabhatta)

SANSKRIT - आर्यभट्टस्य मतानुसारं सूर्यग्रहणं चंद्रग्रहणं च कदा भवत:?
(According to Aryabhatta, when does a solar eclipse & lunar eclipse occur ?)

Continued...........

MATHEMATICS
➤ Write about the discovery of square root in India and find out square root of First Seven prime numbers .

SCIENCE
➤ Draw a diagram of India's 1st artificial satellite (Aryabhatta Satellite) and write it's specifications.

Continued......

SOCIAL SCIENCE-
➤ Write 10 human made satellite's name, launching year and country name .
➤ Artificial/human made satellites play an important role in India's development. Explain.
1. **ART-**
➤ Draw a picture on the theme- Aryabhatta : The living Genius

S.ST- SPECIAL WORK FOR ALL STUDENTS (COMPULSORY)---- Go through the Information regarding G20 and prepare a self made write up in about 500 words and submit it to the class teacher after the

vacation. Its mandatory for all the students. Everyone of you should submit it after the vacation. The best one will be sent to RO for further competition.
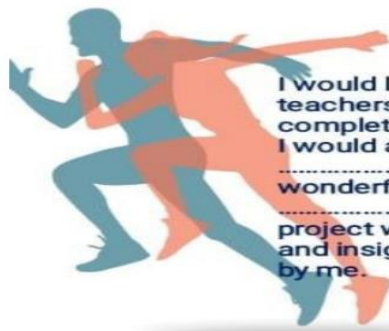
s

Sample Idea

PRESENTATION

1. Cover page
2. CERTIFICATE
3. ACKNOWLEDGEMENT
4. index
5. OBJECTIVE of the project
6. ACTIVITIES
7. What I learnt from the project
8. BIBLIOGRAPHY

Certificate

This is to certify that I,…………………………………… , a student of class …………… has successfully completed my MDP on the topic ……………………………………………………….. under the guidance of …………………………………………………………… during the session 2022-23.

Signature of the Student

ACKNOWLEDGEMENT

I would like to convey my heartfelt gratitude to all subject teachers for their tremendous direction and assistance in the completion of my project.
I would also like to thank our esteemed Principal, …………………………………………………., for providing me with this wonderful opportunity to work on the project with the topic …………………………………………………………………………… This project would not have been accomplished without their help and insights. This project is my original work and has been done by me.

Signature of the Student