





पढ़ने व लिखने की आदत डालें।

1. हिन्दी की कोई भी मैगजीन, समाचार पत्र या अन्य कोई ज्ञानवर्धक पुस्तक को पढ़ें और कोई भी दो रुचिकर बिंदुओं को स्क्रेप बुक में दिनांक सहित चिपकाएं या लिखें।

2. रोज का एक पेज सुलेख

दिनभर में आपने अपना समय कैसे गुजारा इसे एक सुलेख पेज के माध्यम से लिखें।

परियोजना कार्य \*

विषय - पर्यावरण से संबंधित\*

1. पर्यावरण के महत्व को बताते हुए लगभग 100-120 शब्दों में अनुच्छेद लिखें।

( A-4) साइज शीट पर

2. आप अपने आस- पास के पर्यावरण, घर, गली इत्यादि को कैसे साफ - सुथरा रखेंगे।

इसे पोस्टर के माध्यम से दर्शाएं

( पोस्टर A-3 साइज शीट पर बनाएं।

3. पर्यावरण, प्रकृति से संबंधित तीन कविताएं तैयार करें

तथा कविता से संबंधित प्रॉप्स ( सहायक सामग्री तैयार करें) सहायक - सामग्री के लिए

पर्यावरण - प्रकृति की ही चीजें तैयार करें व स्वरचित पुस्तिका में कविता के साथ

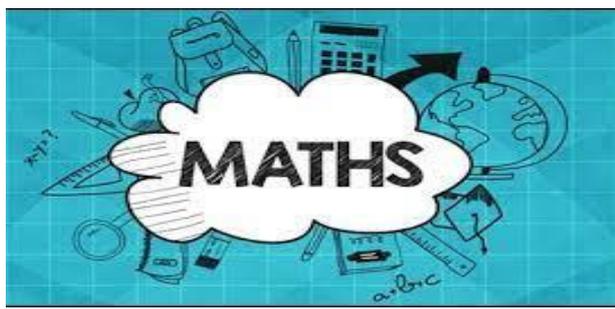
चिपकाएं, जैसे विभिन्न फूल, पत्तियाँ, जड़ी- बूटियाँ इत्यादि।

## कविता की एक स्वरचित पुस्तिका तैयार करें।

( आवश्यक नोट )

\* परियोजना कार्य का पहला पृष्ठ सुंदर तरीके से तैयार करें।

\* अपना नाम, कक्षा, विभाग, अनुक्रमांक, विषय अध्यापिका का नाम अवश्य लिखें।



### GENERAL INSTRUCTIONS

#### THE HOMEWORK CONTAINS TWO SECTIONS

1. Section A contains 20 questions .
2. Section B contains project work.

#### SECTION A

There are 20 questions given below. All students must do it in a maths (Algebra ) notebook.

Q.(1): Write the Roman numerals for each of the following: (i) 1015 (ii) 1679 (iii) 1999 (iv) 2359 (v) 3786 (vi) 4592

Q(2): Write each of the following in Hindu-Arabic numeral: (i) CCXXIV (ii) CCCLXV (iii) DCCLXVI

Q (3): Write the expression for the following statement using brackets: The sum of 3 and 7 is multiplied by the difference of twelve and eight.

Q (4): Write the expressions for each of the following using brackets: (a) Four multiply by the sum of nine and two  
(b) Divide the difference of eighteen and six by four.

Q (5): Write 2345670 and 945373 in both Indian and international system of numeration.

Q (6): The mass of a brick is 2 kg 750 g. What is the total mass of 14 such bricks?

Q (7): There are 54 balls in box A and 79 balls in box B. Estimate the total number of balls in both the boxes taken together.

Q (8): You have the following digits 4, 5, 6, 0, 7 and 8. Using them, make five numbers each with 6 digits. Put commas for easy reading.

Q (9): A mobile number consists of ten digits. First four digits are 9,9,7 and 9. Make the smallest mobile number by using only one digit twice from 8, 3, 5, 6, 0.

Q (10): In a particular year a company produced 8765435 bicycles. Next year, the number of bicycles produced was 1378689 more than those produced in the preceding year. How many bicycles were produced during these two years?

Q (11): Without actual division show that 11 is a factor of 110011.

Q (12): Write down all the factors of 60.

Q (13): Write first five multiples of 45.

Q (14): Write down separately the prime and composite numbers less than 20.

Q (15): Write five pairs of prime numbers less than 20 whose sum is divisible by 5.

Q (16): Write three pairs of prime numbers less than 20 whose sum is divisible by 5.

Q (17): Write all prime numbers between 10 and 50.

Q (18): A list consists of the following pairs of numbers: 51,53; 55, 57;59, 61; 63, 65; 67, 69; 71, 73 Categorise them as composites.

Q (19): Write the largest 4-digit number and give its prime factorisation.

Q (20): Draw a tree diagram for 9999 in terms of its prime factors.

## SECTION B

Maths project

Topic -Environment   □

Do Collect some figures/objects/mathematical diagrams from your surroundings, draw its miniatures 

, , , ,   (atleast10) and also draw its lines of symmetry.

Important note-

 All must use A4 sheets.

 Make a proper file for it.

 Kindly mention your name, class, roll number and section on it.

 Handwriting should be legible in both the work.



Acid Rain and Aquatic Life/Environment/Human beings

### **Project**

Chemicals from Earth's atmosphere are making their way down to the planet! Not in spaceships, but in rain. The acid rain can infiltrate ground water, lakes, and streams. How does acid rain affect aquatic ecosystems?

### **Questions**

- What causes acid rain?
- What is pH? How can you measure it?
- How do you think acidic conditions affect an aquatic ecosystem?
- Do you think all of the organisms will be affected similarly or differently?

Follow these guidelines as you document your research.

All project work must be on A4 size sheets and filled in a neat manner.

A picture speaks more than a thousand words. Make your project come alive with pictures and diagrams.



### **GENERAL INSTRUCTIONS:**

#### **1 . THE HOMEWORK HAS 3 SECTIONS:**

- ACTIVITY BASED
- RESEARCH BASED
- ASSIGNMENT

2. ASSIGNMENT HAS TO BE DONE IN YOUR NOTEBOOK.

3. PROJECT BASED ACTIVITIES TO BE DONE IN A4 SIZE SHEETS

QUESTION 1 : MAP EXPERT

In Map Expert book read and complete the following pages 6 to 13 .

QUESTION 2 : RESEARCH BASED : Enumerate the rules, regulations, acts run by the Indian government to curb Air pollution . Use colorful pictures to show different types of Air pollution .

OR

QUESTION 2 : Visit a park/garden near your vicinity and observe around and see the types of soil available .Now on the basis of the observation conduct a research on soil and do the following activity:

A) Collect the pictures of different types of soil name them and stick on an A4 size sheet.

B) As an aware citizen, suggest 5 ways of soil conservation.

QUESTION 3 : ACTIVITY BASED

Imagine an ideal environment where you would love to live as shown in the picture .



Draw one picture of your ideal environment and describe the each and every detail you like to portray in your own way . Do it in A4 size sheet

QUESTION 4 : ASSIGNMENT

Write the answers of the following questions in detail .

1. Explain the difference between Waning of the moon and Waxing of the moon.

2. What type of information we get from coins ?
3. What is the meaning of diversity .
4. What do you understand by gender bias ?
5. When paper was not invented how did people write?
6. Mention some examples of artefacts .
7. Draw and label our solar system .
8. What is environment ?
9. What is Atmosphere? Why is it important ?
10. What are manuscripts ?



1. पर्यावरण को हम कैसे बचा सकते हैं?

2. शुद्ध पर्यावरण से संबंधित पांच शब्द लिखिए। और उन शब्दों के चित्र लगाकर उनका वर्ण विच्छेद कीजिए।

जैसे -

वृक्ष - व्+ ऋ+ क्+ ष्+ अ

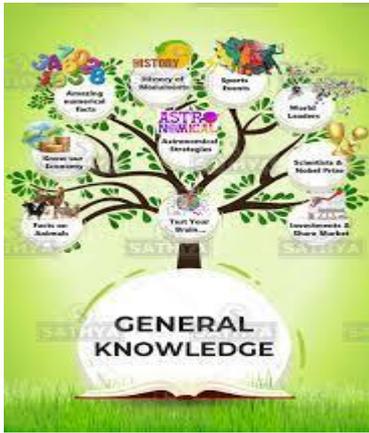
हवा -

जल -

पौधे -

1. संस्कृत भाषा में लिंग कितने होते हैं लिखते हुए केवल पुल्लिंग एवं स्त्रीलिंग के पांच-पांच संस्कृत शब्द लिखिए। साथ ही उनके चित्र भी चिपकाइए।  
(आवश्यक निर्देश) -

यह सभी कार्य अपनी संस्कृत उत्तरपुस्तिका में कीजिए।



. All students must complete ch 3 and ch 7 in the reasoning workbook



Recycling and waste management

The increase in household and industrial waste has been disproportionate. Managing solid waste is the commitment of companies as well as individuals. Develop a project –using PPT, Outstanding technologies such as smart containers, automated food waste tracking systems and automated optical scanning technologies can help sort mixed plastics by separating them from others..