THE S.D VIDYA SCHOOL, NOIDA

SUMMER HOLIDAY HOMEWORK (2024-25)

CLASS-VIII

Dear students,

"Self-belief and hard work will always earn you success."

Holidays provide a much-needed respite from the daily routine and academic pressure. It allows you to unwind, spend quality time with family and friends, and engage in activities you love. Balancing holidays and studies is a crucial aspect of a student's life. While they are meant for relaxation and enjoyment, it is equally important to maintain a certain level of focus on studies during these breaks. By setting realistic goals and creating a conducive study environment, you can effectively utilize holidays to consolidate knowledge, enhance skills, and stay academically on track. Moreover, incorporating breaks and leisure activities into your study routine can help to maintain focus, reduce stress, and make study sessions more productive. Ultimately, by finding the right balance between holidays and studies you can enjoy the break while also making progress in your academic journey.

KEEP IN MIND TO:

- Pray to the Almighty daily and thank Him for the blissful life that you enjoy.
- Give prime importance to your health.
- Set and maintain a routine at home. Be a good time manager.
- Practice positive thinking and be grateful for what we have.
- Relax, listen to music, or read books.
- Be a helping hand to your parents and learn the skill of shared responsibility.

MOST IMPORTANT:

- Make sure that all the syllabus done by May is revised thoroughly.
- Complete the assignments.

REMEMBER:

"THE FUTURE BELONGS TO THE COMPETENT. GET GOOD, GET BETTER, BE THE BEST!"

Wishing all the students a joyful learning and happy holidays.

INTERDISCIPLINARY PROJECT ON
PROTECT, RESTORE AND PROMOTE ECOSYSTEM

Holiday Homework is an attempt to enhance children's imagination. Doing it in the right spirit with enthusiasm will make it a great learning experience. Children have ample energy which needs to be channelized in the right direction to get the best out of them.

Keeping this in mind the holiday homework has been designed to make them more observant and confident.

General instruction for holiday homework:

- Holiday homework should be neat and presentable.
- These assignments carry extra marks in internal assessment.
- Originality of the work will be appreciated.
- Submission is compulsory for all the students.

- Working Models and Posters: Use recycled and eco-friendly materials where possible. Be creative and ensure the models and posters are visually appealing and informative.

- Documentation: Maintain a project diary documenting your activities, observations, and reflections. Include photographs, sketches, and data tables as evidence of your work.

- Presentation: Compile your work into a comprehensive project report. Be prepared to present your findings and models to your class after the holidays.

Learning Objectives of holiday homework:

Upon completion of this holiday assignment, students will:

- Gain proficiency in collecting, preparing, representing, and analyzing data.
- Understanding farming techniques and challenges faced by farmers.
- Promote awareness about sustainable agriculture practices.

Evaluation Criteria:

- Creativity and Innovation: Originality and resourcefulness in creating models and posters.
- Interdisciplinary Integration: Effective integration of concepts from different subjects.
- Communication Skills: Clarity and coherence in written and oral presentations.
- Effort and Participation: Consistent effort and active participation in all activities.

ENGLISH

Task 1

Essay: Topic: The Role of Individuals in Conservation

Description: Write an essay on an A-3 size sheet discussing how individual actions can contribute to sustainable development. Include examples of community-led initiatives and personal steps. Make it presentable and attractive by adding pictures. (about 200-250 words)

Task 2

Poetry: Topic: Nature and Conservation

Description: Write 2 poems on an A-3 size sheet reflecting on the beauty of nature and the need for conservation. Use various poetic devices to enhance the impact. Enhance it by adding photos. Also write summary of the poems.
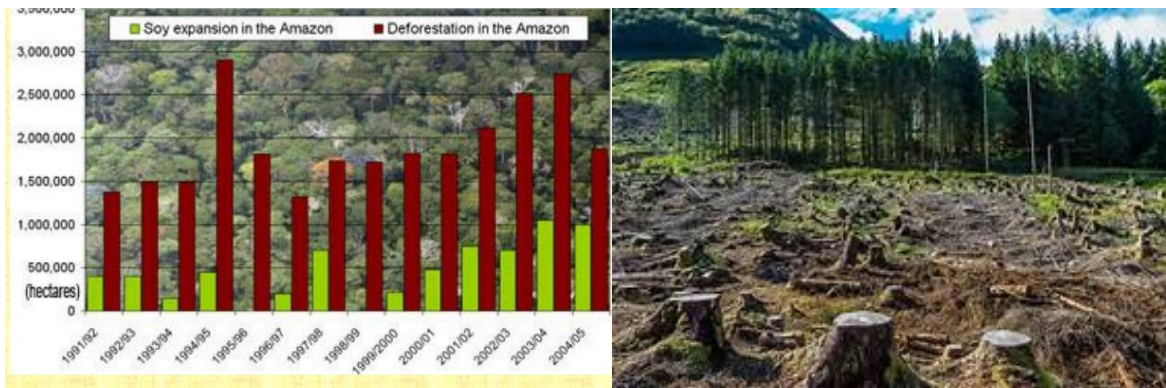
Revise all the chapters done in literature and do the given assignment.

MATHEMATICS

Task 1

Topic: Deforestation Rates

A. Collect data on the deforestation in India from different regions. Record your findings in a table and present data as follow:
B. Graphical representation: Create bar graphs or line or pie charts that summarize the statistics about deforestation over the past decade in India.
C. Analysis: Compare data from different region and identify which region experiences most deforestation
D. Submit your survey data, graph and analysis in a project file

Task 2: Do maths assignments in separate blank sheets.

SCIENCE

Task 1

Cultivation of crops involves several activities undertaken by farmers over a period of time. We find that these activities are similar to those carried out by a gardener or even by us when you grow ornamental plants in our house. These activities or tasks are referred as Agricultural Practices.

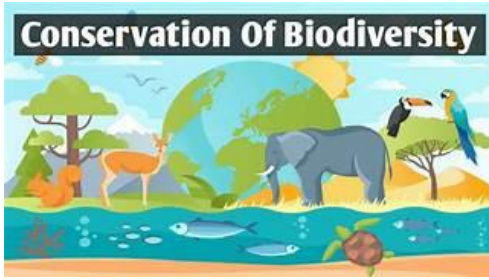Create a physical model(3D) demonstrating various activities on single platform students

SOCIAL SCIENCE

Task 1

➢ Model: Topic: Biodiversity Conservation

Materials: Cardboard, clay, paint, recycled materials.

Description: Create a 3D model of a protected forest area showcasing various flora and fauna. Highlight conservation methods like protected reserves, wildlife corridors, and anti-poaching measures.

Task 2

➤ Scrapbook:

Content: Include articles, pictures, and information on national parks, endangered species, and government policies on conservation in your country.

Task 3

Topic: Protected Areas in Your Country

Description: Use a physical map to mark national parks, wildlife sanctuaries, and biosphere reserves. Include legends and brief descriptions.

HINDI

Task 1

- **निबंध:** विषय: पर्यावरण संरक्षण में युवा पीढ़ी की भूमिका विवरण: पर्यावरण संरक्षण में युवा पीढ़ी की भूमिका पर एक निबंध लिखें।
- **कविता:** विषय: प्रकृति की सुंदरता विवरण: प्रकृति की सुंदरता और उसे संरक्षित रखने के महत्व पर कविताएँ लिखें।
- हिंदी शब्दकोश का निर्माण करें व उसके कवर पृष्ठ को सुंदर बनाए
- प्रतिदिन हिंदी समाचार पत्र पढ़े , पढ़ने के दौरान आए कठिन शब्दों को लिखे और उनका अर्थ खोजें ।

  ✓ एक अलग कॉपी बनाकर 15 सुलेख कीजिए

ENJOY YOUR HOLIDAYS !!

ENGLISH HOLIDAY HOMEWORK WORKSHEET

CLASS- VIII

Q A. Go through the sentences given below and identify the voice used.
1. Shreya Ghoshal sings beautiful songs.
2. The Sun sets in the West.
3. The boy was being beaten by his teacher.
4. Lucky is helped by Steve.
5. The carpenter is repairing the desk.
6. The woodcutter cut down the tree.
7. The man dropped his axe into the river.
8. The bird was shot by the naughty boy.
9. The bag was found by me.
10. Natasha lost the money.

Q B. Change the following sentences from active voice to passive voice.
1. The dog chased the cat.
2. The dog bit the boy.
3. The peon rang the bell.
4. Ram played hockey.
5. Miss Mary teaches us English.
6. Raj caught the ball.
7. Children like sweets.
8. Rita will take a photograph.
9. Who taught you this poem?
10. The police arrested the smuggler.

QC. Change the following sentences to active voice.
1. The guitar was played by Lisa.
2. The book is being read by Mary.
3. The rat is eaten by the cat.
4. A washing machine has been bought by him.
5. The lucky draw will be won by him.

QD. Fill in the blanks with appropriate form of the verbs given in brackets:
1. When the burglars broke into the house, everybody……… sound sleep, (have)
2. The milk…… over as she went to see the crowd passing by with loud slogans, (spill)
3. If Shubham….. any mistake, he will be rewarded, (not + make)
4. They were watching TV when they…….. a loud bang at the door, (hear)
5. The bus…… the stop before we could catch it. (leave)
6. Rounak……. the same song for last three days. It has become boring now. (play)
7. Shamal…… after we reach home, (call)
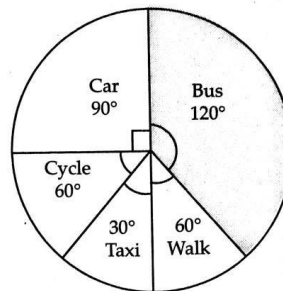8. The show…… its one thousand episodes by next month, (complete)

CLASS VIII MATHS (ASSIGNMENT 1)

DATA HANDLING

1. A die is thrown once. Find the probability of getting a number greater than 4.

2. A class consists of 21 boys and 9 girls. A student is to be selected for social work. Find the probability that
   (i) a girl is selected
   (ii) a boy is selected

3. A bag contains 144 coloured balls represented by the following table. Draw a pie chart to show this information.

Colour	Number of balls
Red	12
Yellow	18
Blue	28
Green	42
White	44

4. What is the probability of getting a marble which is not red from a bag containing 3 black, 8 yellow, 2 red and 5 white marbles?

5. Write all the possible outcomes of
   i. Tossing a coin
   ii. Tossing two coins
   iii. Throwing a die
   iv. Drawing a card from a deck of 52 cards

6. The given pie chart shows the result of a survey carried out to find modes of travel used by childrento go to school. Study the pie chart and answer the following questions:
   i. What is the most common mode of transport?
   ii. What fraction of children travel by each of the mode car, cycle, taxi and bus?
   iii. If 18 children travel by car, how many children took part in the survey?

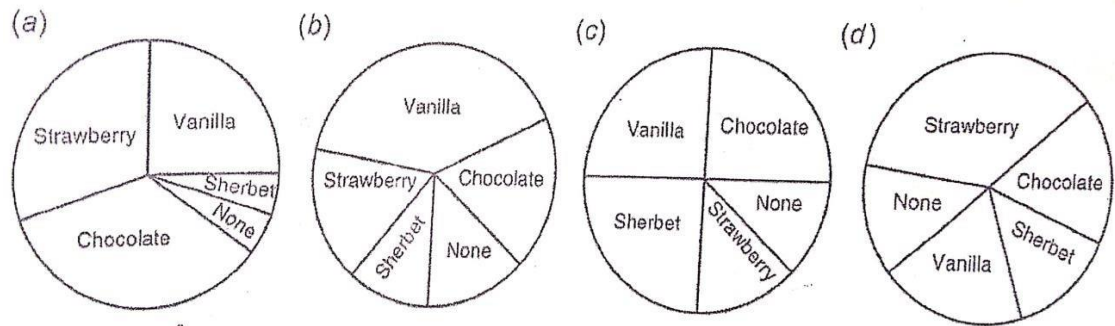7. A dice is rolled once. What is the probability that a number that will appear will be
   i. Odd

ii.   Greater than 1

iii. Greater than 6

iv.   A multiple of 3

8. Out of 200people surveyed, the following data was gathered about favourite flavours of ice-cream.

Vanilla	50
Strawberry	60
Chocolate	70
Sherbet	10
Don't like ice-cream	10

Without doing any calculation, find which graph best represents the data:

9. A survey of 400 families of a town was conducted to find out how many children are there in afamily. The result of the survey is given below:

No. of children	0	1	2	3	4
No. of families	56	62	183	73	26

Find the probability that a family chosen at random will have

i.   4 children

ii. 1 or 2 children

10. A pack of 52 cards is shuffled and a card is drawn without seeing. What is the probability that thecard that appears is:

i.   An Ace of club

ii.   A Heart

iii. A Face card

iv.   Black

v.   A jack

vi.   Not a face card

CLASS VIII MATHS (ASSIGNMENT 2)

LINEAR EQUATION IN ONE VARIABLE

1. **The solution of 2x – 3 = 7 is:**
   (a) 2   (b) -2   (c) 5   (d) -5

2. **Which of the following is not a linear equation.**
   (a) 2x + 5 = 1   (b) x – 1 = 0   (c) y + 1 = 0   (d) 5x + 3

3. **Solve :** $\frac{2}{3} x + 1 = \frac{7}{3}$
   (a) 2   (b) -2   (c) 3   (d) None of these

4. **Solve:** $\frac{x}{4} + \frac{x}{6} = x - 7$
   (a) 12   (b) -12   (c) 3   (d) None of these

5. **Find the solution of** $\frac{3x+5}{2x+1} = \frac{1}{3}$

   (a) 2   (b) -2   (c) 3   (d) None of these

6. **Find the solution of** $\frac{x+6}{4} + \frac{x-3}{5} = \frac{5x-4}{8}$

   (a) 8   (b) -8   (c) 4   (d) None of these

7. **Solve: 5x + 9 = 5 + 3x**
   (a) 2   (b) -2   (c) 3   (d) None of these

8. **Solve: 8x + 4 = 3(x – 1) + 7**
   (a) 1   (b) -1   (c) 0   (d) None of these

9. Check whether the linear equation 3x + 5 = 11 is true for x = 2.

10. Solve the following linear equations:
    (a) 4x + 5 = 9   (b) x + 32 = 2x

11. Verify that x = 2 is the solution of the equation 4.4x – 3.8 = 5.