



SPRINGFIELD PUBLIC SCHOOL

Holiday Homework

Session(2024-25)

Class: 8th

Subject: ENGLISH

PART 1 :- HANDWRITING

Buy a cursive writing book from the store and write one page each day for your handwriting practice.

PART 2:- WRITING SECTION

- 1. Dialogues writing:** Create dialogues between two fictional characters – one from Haryana and one from Assam. The dialogues could revolve around topics that highlight the cultural differences between the two regions, such as weddings, music, or sports.
- 2. Make PPT:** On the folk dances of Northern India. Research about their origins, the traditional costumes, and the music that accompanies these dances. You could also include pictures to illustrate the different styles. (10 – 15 slides)
- 3. Write a story** in about 150 words on the given outline.
Outline: The sun and the wind had a quarrel who is stronger?..... they tested their strength on a passerbythe wind blew the sun grew hotter..... took off.....The sun was.....
- 4. Read any English newspaper every day.** Stick three news clips from each day. Underline new words and write their meanings at least for 20 days in your holiday homework copy.
- 5. Revise the syllabus of PT 1**

Subject: Maths

Worksheet :-

1. Fill in the blanks:

- The product of a number and its product is _____.
- The rational number _____ has no reciprocal.

- (iii) The reciprocal of the reciprocal of a number is _____.
- (iv) The rational number _____ is neither positive nor negative.
- (v) _____ is the only rational number which is equal its additive inverse.

2. Write True or False

- (i) A rational number which has no reciprocal.
- (ii) A rational number whose product with a given rational number is equal to the given rational number.
- (iii) A rational number which is equal to its reciprocal.

3. Verify that:

(i) $\frac{-1}{2} + \left[\left(\frac{-4}{3} \right) + \frac{3}{7} \right]$ and $\left[\left(\frac{-1}{2} \right) + \frac{3}{7} \right] + \left(\frac{-4}{3} \right)$ are they same

(ii) $\frac{2}{3} \times \left[\frac{-6}{7} + \frac{4}{5} \right] = \left[\frac{2}{3} \times \frac{4}{5} \right] \times \left(\frac{-6}{7} \right)$

4. Find: $\frac{5}{22} + \frac{3}{7} + \left(\frac{-8}{21} \right) + \left(\frac{-6}{11} \right)$

5. Find: $\left(\frac{-14}{9} \right) \times \frac{3}{5} \times \left(\frac{-4}{7} \right) \times \frac{15}{16}$

6. Find three rational number between $\frac{3}{7}$ and $\frac{2}{3}$.

7. Find five rational numbers between $\frac{2}{5}$ and $\frac{1}{4}$.

8. Find 10 rational numbers between $\left(\frac{-2}{3} \right)$ and $\frac{2}{3}$.

9. The product of two rational numbers is $\left(\frac{-28}{81} \right)$. If one of them is $\frac{-2}{3}$, then find the other:

Very Short type questions

1. What is the additive inverse of $\frac{-7}{11}$?

2. What is the multiplicative inverse of $2 + \frac{3}{11} + x + \frac{1}{3}$?

Do this worksheet in fair notebook.

ACTIVITY

1. To find an age by playing with numbers (Page no 79 in Maths book)

2.You need to engage yourself in day to day experience in summer vacation.

Carry a Maths Journal in which you have to reflect the Maths related activities like observation, challenges you experience in your vacations.

(Example: Write your expenses in your Journal, like ticket bookings, munchies, shopping etc).

Subject: SST

*** Create a Climate Action Plan***

Design a climate action plan for your school or local community.

Include the following:

1. Strategies to reduce carbon footprint (e.g. promoting cycling or walking to school, reducing energy consumption).
2. Ideas for waste reduction and recycling initiatives .
3. Suggestions for raising awareness about climate change and encouraging sustainable practices.

* Make a report using the above topics.

* Use A4 size sheets.

* Paste or draw pictures related to the topics.

* Put all the sheets used in a file folder.

Subject: Science

Activities:-

a) Prepare a vaccination chart for infants and children up to 15 years.

b) Collect information on any two organizations working for cancer patients (name of the organizations, ways in which they help such patients, how do they generate funds etc.)

c) Visit an animal husbandry near your school. Interview either the manager or any worker of the animal husbandry with the following questionnaire:

1. What are the different varieties of animals that lived in husbandry?
 - ii. What kind of feed is given to the different animals?
 - iii. How is cleanliness maintained in the husbandry?
 - iv. Do they vaccinate the animals? If No, Why? If yes, against which all diseases do they vaccinate the animals? Prepare a detailed report .
2. Complete the given science worksheet in your science notebook.

WORKSHEET

Q1 A young girl went to visit her grandparents living in the nearby village. She saw the way the farmers tilted the land before sowing seeds. After returning home, she decided to grow few tomato or pea plants in her kitchen garden. Write few points the girl should remember about seeds in order to get a good crop.

Q2 There are animals that destroy the crop before it is harvested. Farmers find it difficult to protect the crops from these animals, insects and microorganisms. Provide information to your classmates by answering the questions.

(a) What are these animals/insects called? Name few that ruin the standing crops.

(b) What methods do the farmers employ to protect their crops?

(c) Name some common insecticides used to protect crops.

(d) Write the difference between insecticide, pesticide, fungicide and rodenticide.

Q3 Write a short note on harvest festival that is celebrated in your state and its significance.

Q4 Write down the method of making cake. Which microorganism help in it.

Q5 Name any three common plant diseases and find the leaves of diseased plants and paste them in your science notebook.

Q6 Define communicable disease. Give some examples.

Q Explain why antibiotics do not work against flu or any infection caused by viruses.

Q7 On Rahul's birthday, his mother prepared many dishes for him. After having their meal, they found that many food items were left over. Rahul's mother kept these leftovers in a air-tight container and refrigerate them.

(a) What is food preservation?

(b) What will happen to the food if it is not refrigerated?

Subject: Hindi

1)'स्कूल के बिना जिंदगी' नामक विषय को लेकर आपके मन में जो चित्र उभरता है उसे अपने शब्दों में लिखिए ।

2) गर्मियों की छुट्टियों में आप की दिनचर्या क्या रही? अपनी बुआ जी को पत्र लिखकर बताइए।

7. यदि आपके घर में एक चिड़िया का घोंसला है तथा उसमें बच्चे भी हैं। अब आप एक नए घर में जा रहे हैं तो उस घर को छोड़ने से पहले उस चिड़िया के बच्चों के लिए आप क्या इंतजाम करेंगे? लिखिए।

2)पढ़ाए गए पाठ्यक्रम को अच्छे से याद करें व लिखित अभ्यास करें।

नोट :- हिंदी का सभी गृहकार्य एक फ़ाइल में तैयार करें फ़ाइल कवर को सुन्दर तरीके से सुसज्जित कीजिये ।

आपकी छुटियाँ आनंददायक हों , सब स्वस्थ रहें, सुरक्षित रहें ।

Subject: Fine Arts

Project Title: "Eco-Art: Recycled Sculpture"

Objective:

Create a unique sculpture using recycled materials to explore creativity, sustainability, and three-dimensional art forms.

Materials Needed:

- Recycled materials (plastic bottles, cardboard, aluminum cans, paper, fabric scraps, etc.)
- Glue or hot glue gun
- Scissors
- Paint, markers, or other decorating supplies
- Optional: Wire, string, or tape for additional structure and support

Instructions:

1. Collect Recycled Materials:

- Gather various recycled items from home. Look for interesting shapes and textures in plastic bottles, cardboard boxes, aluminum cans, old magazines, fabric scraps, and other household items.

2. Plan Your Sculpture:

- Sketch a few ideas for your sculpture. Consider what you want to create – an animal, a robot, an abstract form, or something else imaginative. Think about how the different materials can be combined to form your design.

3. Construct the Base:

- Start with a sturdy base for your sculpture. This could be a piece of cardboard or a solid plastic container. Ensure it can support the weight of the materials you will add.

4. Assemble the Sculpture:

- Begin building your sculpture by attaching pieces together using glue, tape, or wire. Experiment with different configurations and arrangements. Be creative in

how you use the materials – for example, a plastic bottle can become a body, and aluminum cans can be cut and shaped into wings.

5. Add Details and Texture:

- Enhance your sculpture by adding smaller details. Use bottle caps, fabric scraps, paper, and other materials to create texture and intricate parts of your sculpture. Think about how to make your creation visually interesting from all angles.

6. Paint and Decorate:

- Once your sculpture is assembled, use paint, markers, or other decorating supplies to add color and patterns. This step can help unify the different materials and bring your sculpture to life.

7. Title and Explain:

- Give your sculpture a creative title and write a brief explanation. Describe the materials you used, your inspiration for the design, and what message or story your sculpture conveys.

8. Present Your Artwork:

- Bring your completed sculpture to class and be prepared to share it with your classmates. Explain your creative process, the challenges you faced, and what you learned about working with recycled materials.

Tips:

- Be safe when handling sharp objects like scissors or cutting cans. Ask for help if needed.

- Consider the balance and stability of your sculpture, especially if it has tall or protruding elements.

- Use the hot glue gun with caution and adult supervision if necessary.

Subject: GK

- Find information about UNO, EU and G 20.
- Make a creative scrap book.
- Read & Write 10 News articles and paste the pictures related to same in a scrap book.
- Names of all Indians States, their Capitals, Union Territories. Depict them on political map of India also.
- Names of all Presidents of India, Chief Justice till date.

Subject: Computer

- Application Based Task(as per Syllabus) :- You are going to a museum trip from School. But due to some unavoidable circumstances you were not able to catch the school bus. To reach school faster, which Google App would you suggest so that you can go to Museum with all your classmates and Write your views about it.
- Learn and Write Exercise and Question Answers of chapter -1(Google Apps), Chapter -2(Animation in Krita) in a fair notebook.