

Holiday Homework Session 2024-2025

Class VIII

Mathematics

• Create your own maths-related board games based on integers or rational number. Choose one concept, plan the game, create a game board, design the game pieces, use spinners or dice to determine how players will navigate the board, test and revise the game, and present the final product after holidays.

* Research and present on a famous individual or civilization and their contributions to the field of mathematics.

• Make a Short video on your favourite number and also about its facts.

* Solve 5 sudokus and paste it in a file.

• Solve Puzzle from the newspaper

Watch these documentaries and movies to enhance your knowledge:-

1. A Man who knew Infinity

2. A Trip to Infinity

3. Pi

4. The Theory of Everything

5. Gifted

Science

1. Perform an activity of composting. Take different biodegradable materials and compare their rate of composting.

2. Conduct a survey on at least five people in your locality to know their view regarding the use of plastic bags and awareness among people regarding their usage.

Survey- The usage of plastic bags

Name:

Age:

Profession:

1. Do you use plastic bags? Yes/No

2. How often do you use plastic bags?

Always/ sometimes /seldom/ Never

3. In a week, how many plastic bags do you use or obtain?

4. From where do you usually obtain your plastic bags?

From shopping _____

During functions _____

Or others [please specify]

5. Do you think that charging for plastic bags should be done during shopping? Justify your view.

6. Ask for the drawbacks of using plastics.

7. Give conclusion.

3. Some mushrooms are edible fungi. Perform this activity on mushrooms and prepare a project using A4 size sheets and handmade folder with the following parameters.

1. Scientific name

2. Structure

3. Nutritional value

4. Five health benefits of Mushrooms

5. Cultivation of mushroom on a large scale in India.

Activity

1. Take a large sized mushroom and cut off its stalk.

2. Place it gently face down on square cardboard piece covered with paper.

3. Do not exert pressure on Mushroom and cover it with a glass bowl and then leave it for 3 to 4 days.

4. After 3 to 4 days remove the glass bowl on the mushroom and click a picture of the pattern of obtained on the cardboard.

5. At last paste the picture on the project sheet.

Hindi

1: समाचार पत्र पढ़कर प्रतिदिन पांच-पांच नए शब्दों का हिंदी में अर्थ लिखकर वाक्य प्रयोग कीजिए।

2: अपने घर तथा आस-पास हो रहे पेय जल के दुरुपयोग तथा उसके बचाव पर 150 शब्दों में अनुच्छेद लिखिए।

3: प्रतिदिन बढ़ते हुए तापमान को ध्यान में रखते हुए इससे बचने के उपाय के रूप में प्रकृति संरक्षण हेतु आप क्या-क्या कदम उठा सकते हैं अपने शब्दों में लिखिए।

4: 'लोकतंत्र में मतदान का महत्व' इस पर अपने अभिभावक से बातचीत करते हुए इस विषय को संवाद शैली में लिखिए।

English

चतुर किसान

एक बार एक किसान के पास एक बकरी, घास का एक गट्टर और एक शेर था। उसे एक छोटी नाव पर एक नदी पार करनी थी। जो एक बार में उनमें से केवल दो को ही ले जा सकता था। किसान मुश्किल में था कि अगर वह पहले शेर को ले जाए तो उसकी अनुपस्थिति में बकरी घास खा जाएगी। यदि वह घास ले ले तो शेर बकरी को खा जाएगा। अंत में, उसने सही समाधान ढूँढ लिया। उसने पहले बकरी को ले गया और नदी के दूसरी तरफ छोड़ दिया। फिर उसने शेर को अपने दूसरे चक्कर में ले गया। वह शेर को छोड़कर बकरी को वापस ले आया। बकरी को इस ओर छोड़कर, वह घास की गट्टर के साथ ले गया। वह शेर के पास घास छोड़ कर बकरी को लेने के लिए अंत में लौट आया। इस प्रकार वह बिना किसी नुकसान के नदी पार कर गया।

नैतिक शिक्षा : छोटी सी सूझबूझ भी आगे बहुत काम आती है।

Translate the given story in to English.

Here are few words, you have to learn the spelling, meaning, origin , usage and pronunciation.

1.MELLIFLUOUS

2.DEMAGOGUE

3.MALICE

4.INCONSEQUENTIAL

5.JARGON

Read the book "The black beauty"

Write down overview of the same in your own language

Diary entry "Your experience of summer vacation"

Revision of Tenses , Determiners

Computer

Application Based Questions

Visit to a nearby bank/LIC/Post Office/Mall.

- 1- Find out the uses of computer and types of networks.
- 2- List the resources available in computer network.
- 3- Identify the Operating System installed on Client Side and Server.
- 4- List all the devices like Switch, Hub, and Routers.
- 5- Which type of Internet Connection is there and its speed.
- 6- Take a short interview of the person/Network administrator to know about the advantages of their Network.

Social Science

FOR VIIIA

1. Students will write about the following topics related to the state - Nagaland, West Bengal, Uttarakhand, Andhra Pradesh and Tripura.
a.festivals , b.dress, c.language ,d. food ,e.river and lake, f. dance /song art
2. Explore the internet and find out more information about the wildlife in India and their habitats. Make a presentable chart.
3. Revise the lesson - Resource how when and where , the Indian constitution
4. World map: Mark all continents and oceans.
5. Solve MCQs and true false and match the following.
6. Write about the Jaisalmer Fort in fair copy. (Page no 21 of the Hindu)
7. Write about two UNESCO world Heritage sites and one GI Tagged product. (Page no 21 of the Hindu)

FOR VIII B

1. Students will write about the following topics related to state -UP, Maharashtra, Kerala ,Punjab and Rajasthan
a.festivals ,b.dress, c.language ,d. food ,e.river and lake, f. dance song art
2. Revise the lesson - Resource
how when and where , the Indian constitution

3. Make a model of old Parliament building/ President House /Supreme Court /India Gate
4. Mark all important rivers of India on a physical map.
5. Solve MCQs and true false and match the following.
6. Write about the Jaisalmer Fort in fair copy. (Page no 21 of the Hindu)
7. Write about two UNESCO world Heritage sites and one GI Tagged product.(Page no 21 of the Hindu)

FOR VIII C & D

1. Students will write about the following topics related to the state - Ladhak, Manipur, Gujarat, Himachal Pradesh and Chattisgarh
 - a. festival ,b.dress, c.language ,d. food ,e.river and lake, f. dance /song art.
2. Revise the lesson - Resource
how when and where , the Indian constitution
3. Mark all important mountains of India in Physical map
4. Make a model of old Parliament building/ President House /Supreme Court /India Gate
5. Solve MCQs and true false and match the following.
6. Write about the Jaisalmer Fort in fair copy. (Page no 21 of the Hindu)
7. Write about two UNESCO world Heritage sites and one GI Tagged product.
(Page no 21 of the Hindu)