



SESSION 2021-22
HOLIDAY HOMEWORK
CLASS VIII

Dear parents,

It is summer vacation time, a time to relax as well as fruitfully occupy children in various scholastic and co-scholastic areas. Keeping this in mind our teachers have painstakingly designed interesting Projects/Assignments for children to be completed during summer vacation. This would encourage in-depth learning, strengthen concepts and prepare ground for improved academic output. As parents kindly motivate and lend support to your children and ensure that they complete the given work well in time and best of their ability. Your encouragement can actually make a huge difference to the ultimate learning outcome of these projects. We would be happy if parents encourage children work on their own.

Please note the following :

- Make your child read Hindi and English story books and children's Science magazine as much as possible so that each child can contribute to the school magazine in some way or the other
- Encourage them to undertake creative writing both in Hindi and English. You can tell them to write their experiences about the vacation and maintain a daily diary too. Even watching good English movies/plays can be enjoyable experience
- To make them aware of their surroundings, tell them to watch various informative TV Channels like Discovery, National Geographic, History and Animal Planet
- To enhance their creative talent, motivate them to draw/paint, make PPT presentations on any family celebration or any activity/place/concept that interests them

We look forward to your co-operation
HAPPY HOLIDAYS

Vice-Principal

Principal

ENGLISH :

On an A3 size sheet , prepare 5-7 sets of dialogues that took place between you and _____ on 'Any memorable incident that happened during your vacations'. Depict the characters with the help of finger puppets by using ice cream sticks. Give a 3D effect to them.

(Clue: characters could be you, your mom, dad, your friends, cousins, grandparents, neighbours or strangers.)

Let the characters come alive !!

HINDI :

प्रश्न १ हिमालय प्रदेश में अनेक रमणीय स्थल हैं जैसे मंडी कुल्लू मनाली आदि। इंटरनेट से जानकारी लेकर इन स्थलों पर प्रेजेंटेशन अथवा परियोजना तैयार कीजिए।

प्रश्न २ सेना में भर्ती हेतु आकर्षित करता विज्ञापन तैयार कीजिए।

प्रश्न ३ हिंदी फिल्म लूटेरा देखिए और उसकी समीक्षा एक शीट पर करिए।

प्रश्न ४ लकड़ी के उपयोग से बनने वाले अन्य वाद्य यंत्रों के विषय में जानकारी एकत्र करके प्रोजेक्ट फाइल में लगाइए जैसे एक तारा दो तारा डमरु सितार शहनाई बांसुरी आदि।

प्रश्न ५ विद्यालय की पत्रिका हेतु लेख लिखिए “ तंदुरुस्ती हजार नियामत है ”।

उपरोक्त कार्य A3 या A4 साइज शीट पर करके एक फोल्डर में लगाइए।

MATH :

Do the following work in your notebook.

CHAPTER 1

1. Add the following rational numbers:

(i) $\frac{-11}{5}$ and $\frac{4}{7}$

(ii) $\frac{4}{9}$ and $\frac{7}{-12}$

2. Write the additive inverse of each of the following rational numbers:

(i) $\frac{-2}{17}$

(ii) $\frac{3}{-11}$

3. Subtract the first rational number from the second in each of the following:

(i) $\frac{3}{8}, \frac{5}{8}$

(ii) $\frac{-7}{9}, \frac{4}{9}$

4. Multiply:

(i) $\frac{7}{11}$ by $\frac{5}{4}$

(ii) $\frac{5}{7}$ by $\frac{-3}{4}$

5. Divide:

(i) 1 by $\frac{1}{2}$

(ii) 5 by $\frac{-5}{7}$

6. Find two rational numbers between $-\frac{2}{9}$ and $\frac{5}{9}$.

CHAPTER 2

1. Find the values of the following:

- (i) $3^{-1} + 4^{-1}$
- (ii) $(3^0 + 4^{-1}) \times 2^2$
- (iii) $(3^{-1} + 4^{-1} + 5^{-1})^0$

2. Find the value of each of the following:

- (i) $(\frac{1}{2})^{-1} + (\frac{1}{3})^{-1} + (\frac{1}{4})^{-1}$
- (ii) $(\frac{1}{2})^{-2} + (\frac{1}{3})^{-2} + (\frac{1}{4})^{-2}$

3. Simplify:

- (i) $(4^{-1} \times 3^{-1})^2$
- (ii) $(5^{-1} \div 6^{-1})^3$

4. Write the following numbers in the usual form:

$$1.0001 \times 10^9$$

$$5.8 \times 10^2$$

$$) 3.61492 \times 10^6$$

5. Express the following numbers in standard form:

$$6020000000000000$$

$$| 0.00000000000943$$

Chapter 3

1. Which of the following numbers are perfect squares?

(i) 484

(ii) 625

2. Find the smallest number by which of the following number must be multiplied so that the product is a perfect square:

(i) 23805 =

(ii) 12150

3. Find the smallest number by which the given number must be divided so that the resulting number is a perfect square:

(i) 14283

(ii) 1800 :

4. Show that the following numbers are not perfect squares:

(i) 9327

(ii) 4058

5. Show that the following numbers are not perfect squares:

(i) 1547

(ii) 45743

- **Maths Activity – Rational Number.**

Objective

Add Rational No. without calculating .

SCIENCE :

1. To identify and understand the usage of implements used in the agriculture. Collect the pictures of various agricultural implements and paste them in your notebook, Write down their usage. Collect information about the various methods of irrigation. Write which method you like the most and why ?
2. Collect information and write in your notebook “ How can we improve ourselves to fight against diseases like **corona virus**.
3. Make a presentation on your findings about biodegradable plastics.

SOCIAL SCIENCE

“JUDICIARY IN TIMES OF COVID-19 OUTBREAK”

During the Second World War , when the Luftwaffe (German air force) was wreaking havoc with it over London with its incessant bombing attacks, the British Prime Minister Winston Churchill took cognizance of the heavy casualties and economic devastation. While he was briefed on the Casualties and economic collapse, he asked,“Are the courts functioning?” When told that the Judges were dispensing justice as normal, Churchill replied,“Thank God. If the courts are working, nothing can go wrong.”

Covid-19 has brought almost the entire world to an era stand still land India’s justice delivery system. How? Collect information on

- a) The major issues that the system faces.
- b) Impact of Corona virus
- c) Need for a change.
- d) Simple measures you can suggest.

NOTE: a) Use different sources to collect data.

b) Use diagrammatic presentations or Slide presentation.

c) Evaluation will be done on the basis of originality, creativity and presentation.

COMPUTER :

Make a PowerPoint Presentation on the topic " Networking Devices".

The following points should be adhered to:

(I) Your presentation should include at least 6 to 8 slides.

(II) Include text, pictures, clipart, wordart, shapes, themes etc in your presentation.

French :

Prepare a scrap book and paste pictures based on the culture of France.

(monuments, museums, landmarks, cheese, wines, republic day, landmarks, flag, food, fashion, etc).

- Solve chapter 1, and 2 in CAHIER (Notebook).

Fine Arts :

Make optical illusion using face.

