

# Holiday



**Class VII**

## English

1. **\*Dream World Poster\***: Read the poem 'I Dream a World' and create a colorful poster about your own dream world on a regular A4 sheet.
2. **\*Ghost Story\***: Share a spooky experience you've had or a scary ghost story you've read. Write it like you're experiencing it firsthand. Give it a catchy title. (Inspired by L- A Hero)
3. **\*Father's Day Card\***: Father's Day is coming up! Show your dad some love by making him a special card. Write a message inside telling him how much he means to you.
4. **\*Character Sketch\***: After reading 'The Wind on the Haunted Hill' by Ruskin Bond, Write character sketch of protagonist of the story. ( PDF of the same will be shared)

## हिंदी

- 1) क्षमता संवर्धन हेतु गतिविधि - 'सवाल का जवाब' पाठ से संबंधित घटनाओं को इवेंट चार्ट के माध्यम से दर्शाएँ।
- 2) अनुभवजन्य कार्य- 'अपनी' ग़लती मानने व दूसरों को उसके लिए कसूरवार न ठहराने के लिए ईमान (सत्यनिष्ठा) की आवश्यकता होती है। 'अपने परिवार के विभिन्न सदस्यों अथवा किसी भी एक सदस्य से बातचीत करके किसी ऐसी घटना का वर्णन कीजिए जब उन्होंने अपनी गलती को मानते हुए दूसरों को उस गलती के लिए कसूरवार न बनाया हो।
- 3) कला समेकित गतिविधि - 'मित्रता' विषय पर चार सूक्तियाँ सुंदर व आकर्षक ढंग से लिखें।
- 4) एक भारत श्रेष्ठ भारत के अंतर्गत परियोजना कार्य-पंजाब व उड़ीसा में गाए जाने वाले विभिन्न लोकगीतों के नाम लिखे। इन लोकगीतों में प्रयोग किए जाने वाले वाद्य यंत्रों का उल्लेख चित्र सहित कीजिए।

(ध्यानार्थ :-उपरोक्त कार्य (A4 size sheet) पर कीजिए।)

नोट:-हिंदी अध्यापिका द्वारा कक्षा में वितरित की गई "विवेकानंद नैतिक शिक्षा प्रतियोगिता" पुस्तिका में दिए गए प्रश्नों के उत्तर एवं मेरा सत्संकल्प लिखें।

# Science

## 1. EK BHARAT SHRESHTH BHARAT ACTIVITY.

Make a list of wildlife centuries found in Punjab and Odisha .Mention the names of five endemic species of plants found in these states.

## 2. Take a survey of daily usage of water at your home and fill the required information in the sheet provided.

CLASS EDGE

Why Save Water Inventory

**Subject:** Science

**Topic:** Water

**Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_ **Div:** \_\_\_\_\_ **Roll No:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Instruction(s):** Collect the data on the usage of water at home over a period of 7 days. Use the data and calculate the total amount of water used in your home.

Number of water users in the house: \_\_\_\_\_

Activity	Water used	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Total amount of water used
Shower	25 litres								
Bathe using one bucket water	10 litres								
Brushing teeth running tap water	4 litres								
Washing clothes in a machine (2 shirts + 2 trousers + 2 dresses + 1 bed sheet)	80 litres								
Washing clothes manually (2 shirts + 2 trousers + 2 dresses + 1 bed sheet)	50 litres								
Washing hands with running tap water	3 litres								
Flushing the toilet	10 litres								
Washing one set of dinner dishes (for a family of four)	15 litres								
Watering a 12 by 12 feet lawn	50 litres								

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**3. Write the following chemical formulas using criss cross method.**

- A) Pottasium chloride
- B) Sodium Carbonate
- C) Copper chloride
- D) Zinc Sulphate
- E) Magnesium Hydroxide
- F) Ammonium Chloride
- G) Calcium Nitrate
- H) Sodium Acetate
- I) Ammonium Carbonate
- J) Aluminum Sulphate

**Social Science**

1. Collect the weather report of one week and write it in the following tabular form.

Day	Mon	Tues	Wed	Thurs	Fri	Sat
Date						
Weather report ☀️□□□						

2. Create a colorful and detailed illustration of a soil profile, highlight its different layers and use your imagination and artistic skills to draw, color and label them.( Art Integrated)

3. Paste picture of national parks and wildlife sanctuaries of India and write the steps for conserving and preserving biodiversity and promoting ecological balance.
4. Explore the evolution of communication methods. Mention the role of technology in shaping modern communication (e.g. internet, social media, smartphones) and its impact (positive and negative) on society.
5. On 1st June 2024, 7th phase of Lok Sabha election will be held in Punjab Explain the steps of election procedure of India (e.g. filling of nomination form by candidate voter list ,voter Id card ,election campaign setting up of polling booth ,EVM etc.).Mention the role of election commission in India.( You can get the help from latest newspaper clippings)
- 6."Construct a chronological timeline highlighting the major events, achievements, development during the reign of the Mughal Empire.
7. It is excited how great personalities influence not only adults but also children reading stories of successful people can leave and indelible impression on the children and their lives. Read any two books of famous personalities Sudha Murthy and R. k. Narayan. Write in 150 words about them.



**Note: Do all S.ST HHW on Scrapbook except point no.3 which is to be done on A4 size sheet**

# MATHS

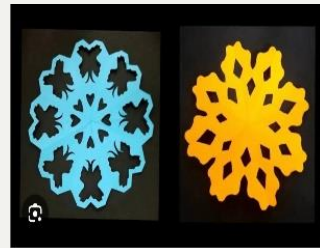
## PROJECTS:

1. Using paper and cardboard make project on classification of triangles.

<https://youtube.com/shorts/RdCDOz4ATbw?si=d-qU2o1CgXiJrUkb>

(The above link can be used as an example)

2. Collect 4 symmetrical things like leaves, petals, feathers, shells from nature and paste them on a sheet. Also draw symmetrical designs by punching the sheet or using water colours.

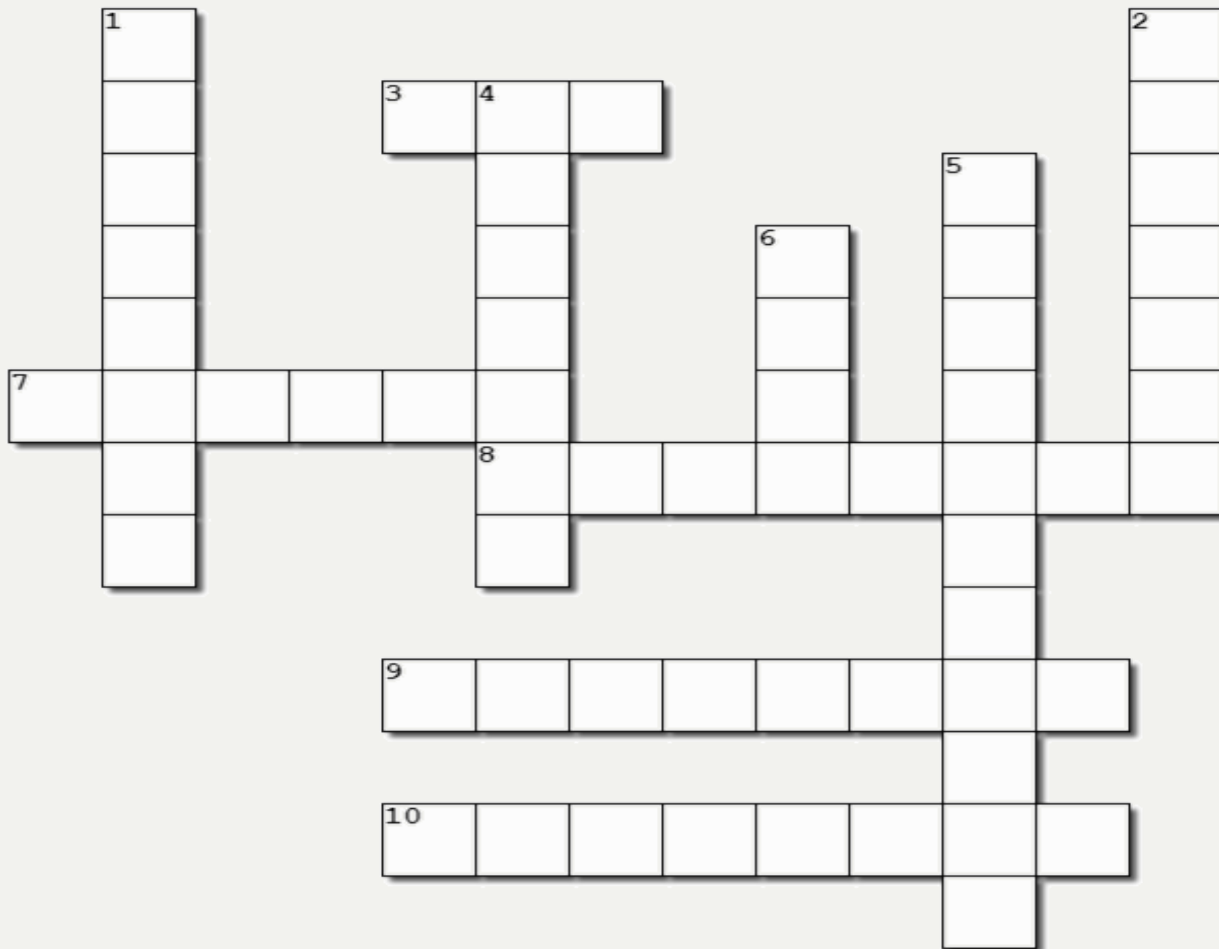


3. Take the printout of following crossword puzzle and solve it.

Name: \_\_\_\_\_

# Rational numbers

Complete the crossword puzzle below



## Across

- Product of a number and its reciprocal is always \_\_
- On a number line numbers become progressively \_\_ as we move towards the right side of zero
- \_\_ value of every rational number other than zero is always positive.
- There are \_\_ rational numbers between two rational numbers
- Negative of negative rational number is \_\_

## Down

- $\frac{5}{11}$  is the \_\_ form of  $\frac{10}{22}$
- Which property says that product of two rational numbers is also a rational number?
- Every \_\_ number is a whole number.
- Which property says that sum remains same after changing the order of addends.
- Which number is neither negative nor positive?

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## Ek Bharat Sreshtha Bharat activity:

Draw symmetrical designs of Pattachitra art form of Odisha and Phulkari of Punjab on A4 size sheet.

**NOTE- DO THE FOLLOWING QUESTIONS ON SHEETS OR NOTEBOOK.**



1. Show that the rational numbers  $\frac{4}{-7}$  and  $\frac{8}{-14}$  are equivalent.
2. Write 3 rational numbers which are equivalent to  $\frac{-11}{17}$ .
3. Express  $\frac{4}{-7}$  as a rational number with numerator = -16.
4. Compare  $\frac{2}{-7}$  and  $\frac{-3}{5}$
5. Arrange in ascending order:  $\frac{-3}{20}, \frac{-7}{-5}, \frac{9}{-25}, \frac{-13}{30}$ .
6. Arrange in descending order:  $\frac{-3}{16}, \frac{-7}{-24}, \frac{5}{-15}, \frac{-12}{36}$ .
7. The sum of two rational numbers is  $\frac{-5}{7}$ . If one of the rational numbers is  $\frac{-3}{8}$ , find the other rational number.
8. Find the values of:  $\frac{-5}{12} - \frac{7}{-24}$
9. Simplify:  $\frac{(-3)}{(-14)} - \frac{5}{21} + \frac{-9}{28}$
10. Verify:  $x + (y + z) = (x + y) + z$  by taking  $x = \frac{-1}{7}, y = \frac{-2}{9}, z = \frac{1}{3}$ .
11. The product of two rational numbers is  $\frac{-15}{28}$ . If one number is  $\frac{-3}{42}$ , find the other.
12. Draw a  $\Delta ABC$  in which  $AB = 4\text{cm}$ ,  $BC = 3.5\text{cm}$  and  $CA = 5\text{cm}$ . Also draw the perpendicular bisector of  $BC$ .
13. Draw  $\Delta XYZ$  in which  $XY = 5\text{cm}$ ,  $YZ = 4.5\text{cm}$  and  $\angle Y = 60^\circ$ . Also draw the bisector of  $\angle X$ .
14. Draw an equilateral triangle one of whose sides is of length  $6\text{cm}$ .
15. Draw  $\Delta ABC$  in which  $AB = 5.6\text{cm}$ ,  $BC = 4\text{cm}$  and  $\angle Y = 60^\circ$ .

### Assertion & reason questions:

**Direction** :- In question numbers 11 and 12, a statement of assertion (A) is followed by a statement of reason (R) Choose the correct option out of the following :

- a. Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A)
  - b. Both assertion (A) and reason (R) are true but reason (R) is not the correct explanation of assertion (A)
  - c. Assertion (A) is true but reason (R) is false
  - d. Assertion (A) is false but reason (R) is true.
1. Assertion: Every natural number can be expressed as a rational number.  
Reason: Rational numbers can be expressed in the form  $p/q$  where  $p$  and  $q$  are integers and  $q \neq 0$ .
  2. Assertion: The rational number  $\frac{1}{2}$  lies between  $\frac{1}{4}$  and  $\frac{3}{4}$ .  
Reason: If  $x$  and  $y$  are two rational numbers, then  $\frac{x+y}{3}$  is a rational number between  $x$  and  $y$ .
  3. Assertion: It is possible to construct a triangle with sides  $3\text{cm}$ ,  $6.1\text{cm}$  and  $2.6\text{cm}$ .

Reason: The sum of two sides of a triangle is greater than the third side.

### **CASE STUDY BASED QUESTIONS:**

1. Ravi ordered 4 pizzas for a party and divided each pizza into 8 slices. Based on the given information answer the following questions.
  - a) How many total slices will he have?
  - b) If each person eats 4 slices, how many people can be served?
  - c) If there are 16 people in the party, how many slices each will have?
2. The city council plans to build a map of triangular play ground in a park. They Want one angle to be  $60^\circ$  and two sides to be 8cm and 10cm long.
  - a) Can the construct this map?
  - b) If so, how?( show construction)
  - c) Measure the other two angles of the triangular playground.

### **ਪੰਜਾਬੀ**

- \*ਆਪਣੀ ਮਨ- ਪਸੰਦ ਪੁਸਤਕ ਬਾਰੇ ਦਸ ਸਤਰਾਂ ਵਿੱਚ ਲਿਖੋ।
- \*ਛੁੱਟੀਆਂ ਵਿੱਚ ਘੁੰਮੇ ਗਏ ਸਥਾਨਾਂ ਜਾਂ ਘਰ ਬਤੀਤ ਕੀਤੇ ਸਮੇਂ ਬਾਰੇ 20 ਸਤਰਾਂ ਵਿੱਚ ਲਿਖੋ।
- \*ਪ੍ਰਦੂਸ਼ਣ ਲੇਖ ਦਾ ਦਿਮਾਗੀ ਨਕਸ਼ਾ ਤਿਆਰ ਕਰੋ ।
- \*ਪੰਜਾਬ ਅਤੇ ਉੜੀਸਾ ਦੇ ਕੋਈ ਪੰਜ ਪਹਿਰਾਵਿਆਂ ਦੇ ਨਾਮ ਲਿਖੋ ਅਤੇ ਤਸਵੀਰਾਂ ਵੀ ਲਗਾਉ। (ਏਕ ਭਾਰਤ ਸ਼੍ਰੇਣੀ ਭਾਰਤ ਪ੍ਰੋਜੈਕਟ ਦੇ ਅਧੀਨ )
- \*ਮਾਂ ਬੋਲੀ ਪੰਜਾਬੀ ਉੱਤੇ ਇੱਕ ਕਵਿਤਾ ਲਿਖੋ। ( ਕਵਿਤਾ ਭਾਸ਼ਾ ਉੱਤੇ ਅਧਾਰਿਤ)
- \*\*ਛੁੱਟੀਆਂ ਦਾ ਸਾਰਾ ਕੰਮ ਪ੍ਰੋਜੈਕਟ ਸ਼ੀਟ 'ਤੇ ਕੀਤਾ ਜਾਵੇ ।

## संस्कृतम्

- 'तत्' शब्दस्य शब्दरूपं त्रिषु लिंगेषु संचिकायां लिखतु ।
- 'एतत्' शब्दस्य शब्दरूपं त्रिषु लिंगेषु संचिकायां लिखतु ।
- 'किम्' शब्दस्य शब्दरूपं त्रिषु लिंगेषु संचिकायां लिखतु ।
- 'पितृ' शब्दस्य शब्दरूपं संचिकायां लिखतु ।

'लट्, लङ्, लृट्, लोट्, विधिलिङ्' एतेषां प्रत्ययानां संचिकायां लिखतु ।  
पठ्, लिख् अनयोः शब्दरूपयोः ।

सर्वाणि गृहकार्याणि **A-4** (ए-4) पृष्ठे करोतु ।