



**BHAVAN VIDYALAYA  
NEW CHANDIGARH**

# **HOLIDAYS' HOMEWORK**

**SESSION-2025-26**

**CLASS - VII**

*Summer  
Time*

Dear Parents,

Warm greetings,

First and foremost, we wish to express our gratitude for your ongoing support. Our students have really worked hard throughout the last session and they are looking forward to the pleasures which a summer break brings.

***“We do not inherit the Earth from our ancestors, we borrow it from our children”***

We are not the owners of the Earth, but temporary stewards entrusted with its care. It is our responsibility to preserve it for the well-being of future generations. To instill these values in our children, this year’s holiday homework has been thoughtfully designed around the theme:

 ***“Reduce, Reuse, Recycle”***

It aims to cultivate environmental responsibility, creativity, and independent effort among students. Our students will spend around one and a half month with you and we urge you to encourage activities that stimulate their mind, body and creativity.

We would like your co-operation in the following areas:

#### **Outdoor Activities:**

- Please take them to Kissan Mandi or Green vendors for purchase of vegetables and fruits and explain them how to look for fresh and ripe product.
- Try to go out for a walk at least 2-3 times a week.
- Hiking, biking, swimming or even gardening will be useful for them to connect to the nature.

#### **Family Time:**

- Please spend some time looking at old photographs /videos and enjoy the nostalgic trip down the memory lane.
- A short weekend getaway, having a movie night, sharing stories about your childhood, your school, your family trips, your first jobs, etc over a picnic in the city park, balcony or terrace would be a great way to connect with your child.
- Cherish these moments of togetherness.

#### **Reading:**

- Encourage them to read newspapers/books.
- If possible, get membership of local library.
- It helps to improve their reading competency.

#### **Limit Screen Time:**

- Engage them in different activities at home, e.g. Allow them to help you in cooking.
- Encourage them to spend some time with grandparents /elderly neighbours.
- Please teach them a few basic domestic chores like washing their own utensils, folding their clothes, washing their clothes, making their bed, maintaining the kitchen garden/garden.

### **Encourage Journaling:**

- The practice of keeping a diary or journal can help them to process emotions and experiences, reduce stress and anxiety.
- It will also come handy when they prepare their portfolio, as required by CBSE.

Let us use this summer break to nurture our children with real knowledge which demands our time and love.

We look forward to welcoming everyone back in the month of July, rested, rejuvenated, and ready for another year of learning and growth.

Hope you will have a great time together!

Warm regards,

Principal

Bhavan Vidyalaya

Chandigarh

## GENERAL GUIDELINES

- Holiday Homework must be **neatly handwritten**, completed **independently**, and reflect **sincere effort**.
- All assignments should creatively incorporate the theme “**Reduce, Reuse, Recycle**”.
- **Originality and creativity** are encouraged and will be rewarded.
- Each subject's work should be done on **loose sheets** (ruled or plain, however in case there are subject specific instructions to use a different medium such as scrap file/Activity book or any other format then those specific instructions should be followed).
- Use **separate folders** for each subject, made from **recycled or reused materials** such as:
  - Newspapers
  - Cartons
  - Cardboard
- **Plastic folders and handmade designer sheets will not be accepted.**
- A reference link to create recycled folders has been shared here:  
<https://youtube.com/shorts/TtbzVWLocrE?si=rO4DG7v4Z-Ht-w12>

Clearly label each folder with the following details:

- Student's Full Name
- Class & Section
- Subject
- Roll Number
- Holiday Homework 2025
- Submit **physical folders** to the respective subject teachers.
- **Submission Date:** 8.07.25-English, Arts
- 9.07.25- Punjabi, Maths
- 10.07.25- Computer, EVS 2, Music
- 11.07.25- Hindi, Evs1

## PRESENTATION GUIDELINES

- Use **ruled sheets** for theory-based work and **plain sheets** for diagrams or artwork, unless stated otherwise by the subject teacher.
- Avoid use of **plastic covers, glitter, sequins, or non-biodegradable decorative materials.**
- Enhance presentation by including:
  - Mind maps
  - Posters or infographics
  - Poems or slogans
  - QR codes linking to digital content

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## DIGITAL WORK (If Applicable)

- Only prepare and submit digital work (e.g., **PPTs, videos**) if **explicitly instructed**.
- Label your digital files as:  
Class\_Section\_Name\_Subject\_HHW2025
- Share via the **CSM App** or official school email by the deadline.

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## SUGGESTIONS FOR CREATIVE INCLUSIONS

To reinforce the theme of sustainability, you may include:

- **Eco-friendly posters** with slogans
- **Crafts or models** using household waste
- **Waste audit reports** or **water-saving diaries**
- **Innovative use of reused packaging** in your presentation

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## ASSESSMENT CRITERIA

Criteria	Marks
Originality & Creativity	10
Neatness & Presentation	10
Content Accuracy & Relevance	10
Timely Submission	10
Use of Recycled/Upcycled Material	10
<b>Total</b>	<b>50</b>

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We hope this Holiday Homework inspires our students to become **creative thinkers, responsible citizens, and champions of sustainability**.



## ENGLISH

### ACTIVITY 1- Idiom Gallery – Idiomopedia

Idiom is an expression that takes on a figurative meaning when certain words are combined, which is different from the literal definition of the individual words.

For example - Our holiday homework is a piece of cake. (Piece of cake means very easy.)

Your task is to find 5 idioms from each category mentioned below, write their meaning, use in a sentence, and make an appropriate illustration.

i. Weather idioms (e.g. under the weather – feeling sick)

ii. Animal idioms (e.g. the lion's share – the largest part)

iii. Food idioms (e.g. butter someone up – to flatter someone)

iv. Body part idioms (e.g. cost an arm and a leg – very expensive)

### ACTIVITY 2- Supplementary Reader

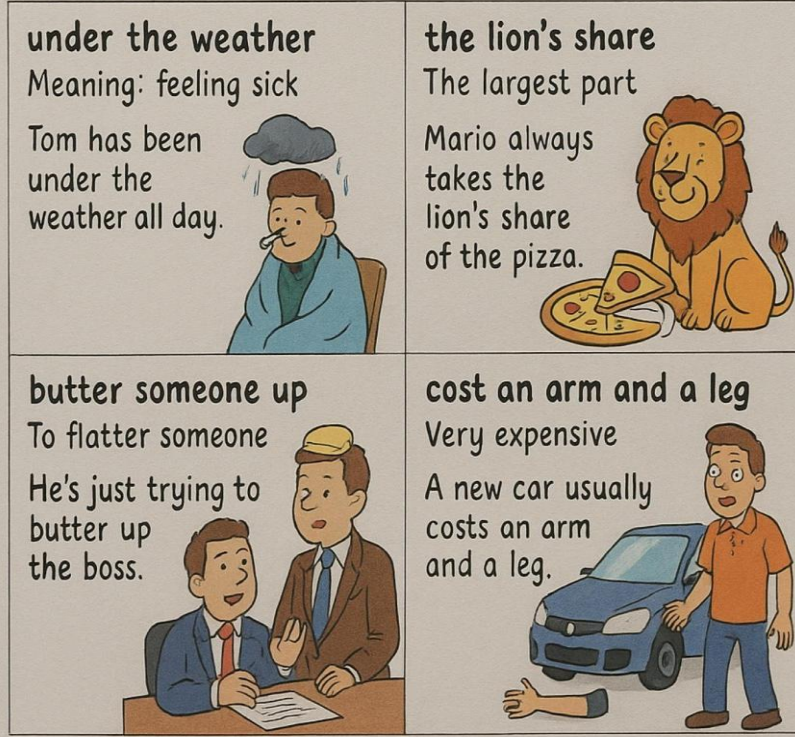
Enjoy reading the first two stories of the supplementary book 'Junior Classics 5'.

Creating a timeline: The story 'Great Expectation' and 'Around the World in Eighty Days' are packed with key events. Create a timeline with the main 10 events. Remember to write them in order and add page numbers and key quotes for each.

### ACTIVITY 3- BBC Practice

Complete the following in your BBC practice book:

Pg- 12 to 16, Pg 365, 367, 369, 371, 373, 374, 375, 376



## हिंदी

अपनी रचनात्मकता और कलाकारी दिखाते हुए निम्नलिखित कार्य स्क्रेप फाइल में करिए-



### 1. विषय – कठपुतली की कहानी-

बच्चो, आपने पाठ –कठपुतली में राजस्थान के कठपुतली खेल के बारे में जाना था। कठपुतलियाँ राजस्थान की परम्परागत वेशभूषा पहने, वहाँ के लोकगीत गाती, वहाँ के लोकनृत्यों पर नाचती नज़र आती हैं। बस, कठपुतलियों के बारे में यही सब जानकारी (चित्र सहित) स्क्रेप फाइल में करें।

### 2. पाठन कार्य

- छुट्टियों में अधिक से अधिक कहानियाँ व किताबें पढ़ें तथा घर के बड़ों से भी पंचतंत्र, जातक कथाएँ आदि की कहानियाँ सुनें।
- अपनी पूरक पुस्तिका (महाभारत) भी पढ़ें।

### कार्य पत्रिका

प्र-1. वर्ण विच्छेद:- शीर्षक

प्र-2. वर्ण संयोजन :-

(i) श+ऐ+क्+ष+इ+क्+अ

(ii) म्+उ+म्+ब्+अ+ई

प्र-3. रेखांकित शब्दों के विलोम शब्द लिखें।

(i) जितनी आय हो, उतना ही \_\_\_\_\_ करना चाहिए।

(ii) यदि हम दूसरों का आदर करेंगे तो स्वयं हमारा भी कभी \_\_\_\_\_ नहीं होगा।

**प्र-4. नीचे लिखे मुहावरों को उनके अर्थ से मिलाइए:-**

- |                    |                           |
|--------------------|---------------------------|
| क. आस्तीन का साँप  | i. जान लेने पर उतारू होना |
| ख. खून का प्यासा   | ii. संतोष होना            |
| ग. कलेजा ठंडा होना | iii. मना करना             |
| घ. अंगूठा दिखाना   | iv. कपटी दोस्त            |

**प्र-5. निम्नलिखित शब्दों के दो-दो पर्यायवाची लिखें।**

- (i) अनुशासन- \_\_\_\_\_, \_\_\_\_\_
- (ii) किरण- \_\_\_\_\_, \_\_\_\_\_

**प्र-6. रेखांकित गहरे छपे वाक्यांशों के लिए एक शब्द लिखें।**

- माता-पिता सदैव तुम्हारा हित चाहने वाले होते हैं। \_\_\_\_\_
- गंगा पूरे परिवार सहित मेला देखने गई। \_\_\_\_\_

**प्र-7. रिक्त स्थानों की पूर्ति उचित सर्वनामों से कीजिए-**

क्या \_\_\_\_\_ जानते हो कि कल क्या हुआ था? कल जब \_\_\_\_\_ विद्यालय से आ रहा था तो \_\_\_\_\_ एक बिल्ली को सड़क पर पड़े देखा। \_\_\_\_\_ चोट लगी थी और \_\_\_\_\_ टाँग से खून भी निकल रहा था। शायद किसी वाहन से \_\_\_\_\_ टक्कर हो गई थी।

**प्र-8. 'हम पंछी उन्मुक्त गगन के' कविता आधार पर स्वतंत्रता के महत्व का वर्णन कीजिए।**

**प्र-9. 'हिमालय की बेटियाँ' पाठ के आधार पर भारत के मानचित्र पर भारत की प्रमुख नदियों को दर्शाते हुए रंग भरिए।**

**प्र-10. ग्राहकों का व्यवहार कैसा होता है? 'मिठाईवाला' कहानी के आधार पर स्पष्ट कीजिए।**

**PUNJABI**

1. ਪੰਜਾਬ ਦੇ ਕੋਈ ਦੋ ਇਤਿਹਾਸਕ ਸਥਾਨ (TWO HISTORICAL PLACES) ਦੀ ਤਸਵੀਰ ਲਗਾ ਕੇ ਉਹਨਾਂ ਬਾਰੇ 6-8 ਵਾਕਾਂ ਵਿੱਚ ਜਾਣਕਾਰੀ ਲਿਖੋ | ਇਹ ਕੰਮ ਇੱਕ A4 ਸ਼ੀਟ ਉੱਤੇ ਕਰੋ |
2. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਸ਼ਬਦ ਗਿਆਨ ਨੂੰ ਵਧਾਉਣ ਲਈ ਆਪਣੀ ਵਿਆਕਰਨ ਦੀ ਕਿਤਾਬ ਵਿੱਚੋਂ ਕਹਾਣੀਆਂ ਪੜ੍ਹੋ ਅਤੇ ਕਿਸੇ ਇੱਕ ਕਹਾਣੀ ਦਾ ਚਿੱਤਰ ਬਣਾਓ |
3. ਗਰਮੀ ਦੀਆਂ ਛੁੱਟੀਆਂ ਬਾਰੇ 10 -12 ਵਾਕ ਸੁੰਦਰ ਲਿਖਾਈ ਵਿੱਚ ਲਿਖੋ |
4. ਆਪਣੇ ਘਰ ਇੱਕ ਗਮਲੇ ਵਿੱਚ ਪੁਦੀਨਾ / ਤੁਲਸੀ ਦਾ ਪੈਦਾ ਲਗਾਓ | ਉਸ ਨੂੰ ਹਰ ਰੋਜ਼ ਪਾਣੀ ਦਿਓ। ਇਸ ਦੀ ਤਸਵੀਰ ਲਗਾ ਕੇ ਇਸ ਦੇ ਪੰਜ ਫ਼ਾਇਦੇ ਵੀ ਲਿਖੋ।



ਜਮਾਤ ਸੱਤਵੀਂ (VII) ਕਾਰਜਪੱਤਰ

ਪ੍ਰ:1 'ਨਵੀਂ ਉਡਾਰੀ ਮਾਰ' ਕਵਿਤਾ ਅਨੁਸਾਰ ਅੰਬਰ ਕੀ ਕਰ ਰਿਹਾ ਹੈ?

ਉ: \_\_\_\_\_

ਪ੍ਰ:2 ਚੰਦਰ ਸ਼ੇਖਰ ਅਜ਼ਾਦ ਨੂੰ ਮੈਜਿਸਟ੍ਰੇਟ ਨੇ ਕੀ ਸਜ਼ਾ ਦਿੱਤੀ?

ਉ: \_\_\_\_\_

ਪ੍ਰ:3 'ਸਵੇਰ ਦਾ ਗੀਤ' ਕਵਿਤਾ ਵਿੱਚ ਬਾਗਾਂ ਵਿੱਚ ਕੀ ਟਹਿਕ ਰਿਹਾ ਹੈ?

ਉ: \_\_\_\_\_

ਪ੍ਰ:4 ਸੰਬੰਧਵਾਚਕ ਪੜਨਾਵ ਨੂੰ ਦਰਸਾਉਂਦਾ ਇੱਕ ਵਾਕ ਲਿਖੋ।

ਉ: \_\_\_\_\_

ਪ੍ਰ:5 ਘੋੜੇ ਨੂੰ ਉਸ ਦੀ ਮਾਂ ਦੀਆਂ ਕਿਹੜੀਆਂ ਚੀਜ਼ਾਂ ਮਿਲੀਆਂ ਸਨ?

ਉ: \_\_\_\_\_

ਪ੍ਰ:6 ਘੋੜਾ ਆਪਣੇ ਨਵੇਂ ਮਾਲਕ ਨਾਲ ਕਿਉਂ ਖੁਸ਼ ਸੀ?

ਉ: \_\_\_\_\_

ਪ੍ਰ:7 ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਦੇ ਵਚਨ ਬਦਲੋ:

ਸੱਪ \_\_\_\_\_, ਸਭਾ \_\_\_\_\_, ਹਿਰਨੀ \_\_\_\_\_, ਜੱਗ \_\_\_\_\_, ਕੁਲਫੀ \_\_\_\_\_

ਪ੍ਰ:8 ਪੜਨਾਵ ਦੀਆਂ ਕਿੰਨੀਆਂ ਕਿਸਮਾਂ ਹੁੰਦੀਆਂ ਹਨ?

ਉ: \_\_\_\_\_

ਪ੍ਰ:9 ਹੇਠ ਲਿਖੇ ਵਾਕਾਂ ਵਿੱਚੋਂ ਨਿੱਜਵਾਚਕ ਪੜਨਾਵ ਨੂੰ ਦਰਸਾਉਂਦਾ ਵਾਕ ਚੁਣ ਕੇ ਲਿਖੋ।

ੳ) ਉਹ ਕੁਝ ਨਹੀਂ ਬੋਲ ਰਿਹਾ।                      ਅ) ਤੁਸੀਂ ਖੁਦ ਹੀ ਰੋਟੀ ਪਕਾਓ।

ਉ: \_\_\_\_\_

ਪ੍ਰ:10 ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਕਿਹੜਾ-ਕਿਹੜਾ ਸ਼ਬਦ ਇੱਕ ਵਚਨ ਹੈ?

ਕਥਾਵਾਂ, ਚਿੱਠੀਆਂ, ਹਵਾ, ਰੁੱਖਾਂ, ਬਿਜਲੀ, ਸਮਾਂ, ਦਰਿਆਵਾਂ

ਉ: \_\_\_\_\_

## MATHEMATICS

### INSTRUCTIONS:

1. Revise the chapters done in the class.
2. Compile all the tasks in a file folder.

#### **Task 1:**

Use origami shapes or rangoli patterns to explore symmetry concepts.

**Innovation:** Show multiple lines of symmetry and foldable examples for self-checking.

**Presentation Idea:** Explain how symmetry appears in art, nature, and architecture.

#### **Task 2:**

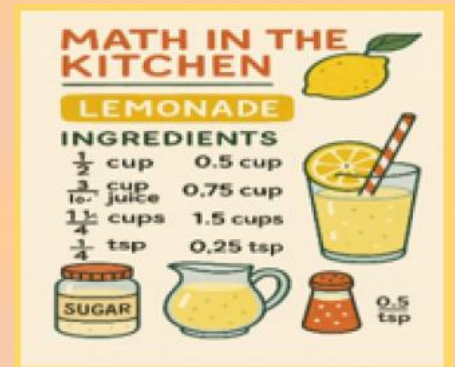
##### **Math in the Kitchen**

Prepare a simple recipe (like lemonade, fruit salad, or a sandwich) with the help of your parents.

Choose a Recipe - e.g. Lemonade

##### **Ingredients (Fractions):**

1.  $\frac{1}{2}$  cup sugar
2.  $\frac{3}{4}$  cup lemon juice
3.  $1\frac{1}{2}$  cups water
4.  $\frac{1}{4}$  tsp salt



##### **Convert to Decimals**

1.  $\frac{1}{2}$  cup sugar - 0.5 cup
2.  $\frac{3}{4}$  cup lemon juice - 0.75 cup
3.  $1\frac{1}{2}$  cups water - 1.5 cups
4.  $\frac{1}{4}$  tsp salt - 0.25 tsp

##### **Creative Recipe Card Ideas**

1. Use chart paper or plain white sheet.
2. Draw or paste pictures of ingredients.
3. Write the recipe neatly.
4. Show both fractions and decimals side-by-side.
5. Decorate it with borders, colours or kitchen-themed stickers.

#### **Task 3:**

##### **Play with balls**

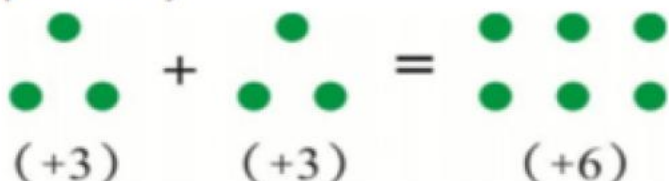
##### **Description:**

Students are supposed to take two different coloured sketch pens, same number of identical balls are to be drawn for one integer as indicated. Perform activity according to the given example. (-ve symbol means opposite/change of colour)

### Example:

Let green colour for +ve integers and red colour be for -ve integers.

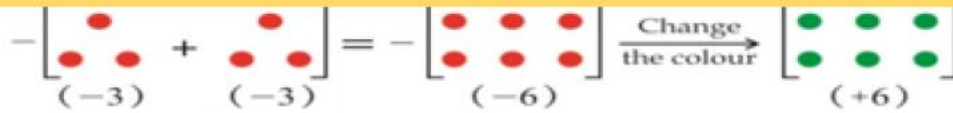
1)  $2 \times 3$  (2 times 3)



$(+3) \quad (+3) \quad (=) \quad (+6)$

2)  $-2 \times (-3) \Rightarrow \{-2 \text{ times } (-3)\} \Rightarrow \{6\}$

Show the following in the form of pictures of balls.



–  $\left[ \begin{array}{c} \bullet \\ \bullet \end{array} \right] + \left[ \begin{array}{c} \bullet \\ \bullet \end{array} \right] = - \left[ \begin{array}{c} \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} \right] \xrightarrow{\text{Change the colour}} \left[ \begin{array}{c} \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} \right]$

$(-3) \quad (-3) \quad (-6) \quad (+6)$

Show the following in the form of pictures of balls.

- i)  $-3 \times 4$
- ii)  $2 \times -4$
- iii)  $-3 \times -4$
- iv)  $4 \times 5$

## Worksheet: Integers, Fractions and Decimals

### A. Integers

#### 1. Solve the following:

- a)  $-5+(-8)=$  \_\_\_\_\_
- b)  $-12+7=$  \_\_\_\_\_
- c)  $-15-(-6)=$  \_\_\_\_\_
- d)  $-7-(-3)=$  \_\_\_\_\_
- e)  $-20-10=$  \_\_\_\_\_
- f)  $-4 \times 9=$  \_\_\_\_\_
- g)  $-36 \div 6=$  \_\_\_\_\_

#### 2. Solve:

- a)  $6843 \times 1245 - 1245 \times 3843$
- b)  $(-4285) \times 563 + (-215) \times 563$
- c)  $45 \times (-15) \times (-2) \times 5$
- d)  $7312 \times 492 - 492 \times 2312$

## B. Fractions and Decimals

1. Solve the following:

- (i)  $3/4 + 5/8 =$  \_\_\_\_\_
- (ii)  $0.45 + 1.35 =$  \_\_\_\_\_
- (iii)  $7/10 - 2/5 =$  \_\_\_\_\_
- (iv)  $2.5 - 1.75 =$  \_\_\_\_\_
- (v)  $2/3 \times 4/5 =$  \_\_\_\_\_
- (vi)  $0.6 \times 1.5 =$  \_\_\_\_\_
- (vii)  $3/4 \div 1/2 =$  \_\_\_\_\_
- (viii)  $1.8 \div 0.3 =$  \_\_\_\_\_

2. Simplify:  $5/4 + 3/4$

3. Solve the following:

- a)  $2.5 \times 3.2$
- b)  $3.2 \times 5.34$
- c)  $1.2 \times 2.53$
- d)  $234.432 \times 100$

4. Which of the following is false?

- a)  $0.735 > 3/4$
- b)  $9/10 < 0.91$
- c)  $5/6 > 7/9$
- d)  $-0.375 = -3/8$



## SCIENCE

### ACTIVITY 1-

- a) Write a Creative Story (Diary Style) in activity file.  
Title: “Diary of a Salad: From Crunch to Crumbs!”
- b) Make 3–5 flashcards with amazing or weird facts about the digestive system. For instance,
- “Your small intestine is longer than a bus seat!”
  - “Stomach acid can melt metal!”



- Imagine you are a spoonful of salad (lettuce, tomato, cucumber, etc.)
- Write a first-person story (200–300 words) describing your journey through  
1. Mouth (biting & chewing)  
2. Oesophagus (slippery slide!)  
3. Stomach (acid party!)  
4. Small intestine (nutrient ninja extraction)  
5. Large intestine (leftovers lane)  
6. Exit (uh-oh... the final flush!)
- Use humor and personality! Describe what you “see,” “feel,” and “hear” at each stop

### ACTIVITY 2-

#### “Kitchen Chemistry Adventure!”

Explore the world of acids, bases, and salts using items from your kitchen!



You can take any 10 kitchen samples, for example, soap solution, citrus juice (lemon juice), baking soda solution, vinegar, tomato juice, tamarind juice, salt solution, sugar solution etc.

Prepare any of the two indicators turmeric strip /hibiscus extract /red cabbage.

#### **Sample to prepare Colour Detective (Natural Indicator Activity)**

Make red cabbage juice by blending chopped red cabbage with warm water (or boiling it)

Strain the juice into a clear container. This is your natural indicator.

Record your observations in the following format in activity files:

Indicator	Kitchen Sample	Colour Change	Nature of sample (Acidic/ Basic/Neutral)

**Note: Click few of your pics while performing activity 2 and paste in activity file.**

### **ACTIVITY 3-**

**Attempt the given worksheet:**

#### **Q1. Select the correct option:**

i) Which of the following is most suitable material for making the core of an electromagnet?

- a) Brass                      b) Aluminium                      c) Iron                      d) Steel

ii) The coil of wire contained in heater is known as

- a) circuit                      b) component                      c) spring                      d) element

iii) The walls of the large intestine absorb \_\_\_\_\_.

- a) water                      b) digested food                      c) undigested food                      d) cellulose

iv) Bacteria act on the leftover food in the teeth and form \_\_\_\_\_.

- a) acids                      b) bases                      c) salts                      d) plaque

v) The enzyme present in saliva is .....

- a) Bile                      b) Pepsin                      c) HCl                      d) Salivary amylase

vi) Salivary amylase acts on .....

- a) Carbohydrates                      b) Proteins                      c) Fats                      d) Vitamins

vii) The function of HCl in stomach is .....

- a) to kill the bacteria present in the food  
b) to increase the hunger  
c) to make medium of digestion acidic  
d) both a) and c)

viii) The grass is rich in .....

- a) Cellulose                      b) Glucose                      c) Proteins                      d) Fats

ix) Chlorophyll is essential for .....

- a) Release of CO<sub>2</sub>  
b) Absorbing CO<sub>2</sub>  
c) Absorbing water from roots  
d) Trapping solar energy

x) The opening and closing of stomata are controlled by .....

- a) Lenticels                      b) Synergids                      c) guard cells                      d) haustoria

xi) The gases that are exchanged through stomata are .....

- a) Oxygen                      b) Carbon dioxide                      c) Nitrogen                      d) a) and b)

xii) Which of the following is a leguminous plant?

- a) Beans                      b) Peas                      c) Black gram                      d) All the above

xiii) Continuous flow of electric current through a circuit requires:

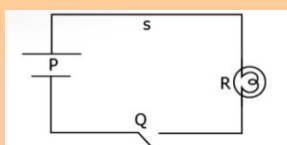
- a) a source of electric current  
b) a conducting material  
c) a closed circuit  
d) All of these

xiv) An electrician wants to prevent damage to electrical appliances in a house due to a sudden rise in the amount of electric current. Which of these appliances should be installed to avoid the damages?

- a) Light-emitting diode  
b) Miniature circuit breakers  
c) Incandescent electric bulbs  
d) Compact fluorescent lamps

xv) The image represents an electric circuit with different components. Which of the marked components represent a battery/cell in the circuit?

- a) P                      b) Q                      c) R                      d) S



**Q2. Read the passage and answer the following questions:**

Incandescent electric bulbs are often used for lighting but they also give heat. It means that a part of the electricity consumed is used in producing heat. This is not desirable as it results in the wastage of electricity. Fluorescent tube lights and compact fluorescent lamps (CFLs) are better electricity-efficient lighting sources. Nowadays, the use of light-emitting diode (LED) bulbs is increasing. For producing a given intensity of light, LED bulbs consume less electricity as compared to incandescent bulbs or fluorescent tubes or CFLs. Thus, LED bulbs are much more electricity efficient and therefore preferred.

- (i) Why does a glowing electric bulb become warm?  
(ii) What is meant by the heating effect of electric current?  
(iii) Damaged fluorescent tubes and CFLs need to be disposed off safely. Why?  
(iv) Why should we prefer using CFL and LED bulbs over normal bulbs?

**Q3. Find the odd one out and give reason/s.**

- i) CFL, Telephone receiver, Electric bell, Electric motor  
ii) Copper, Nichrome, Plastic, Tin-copper alloy  
iii) Milk of magnesia, calamine lotion, lime water, aqua regia

- iv) Oxalic acid, ascorbic acid, lactic acid, sulphuric acid
- v) Acetic acid, sulphuric acid, nitric acid, sodium hydroxide
- vi) Acids, Bitter taste, Soapy, Caustic soda.

**Q4 Draw a crossword puzzle on Nutrition in Plants and Nutrition in Animals using the clues given below:**

**Across:**

- i) The process by which plants convert light energy into chemical energy (7 letters)
- ii) Organisms that make their own food (9 letters)
- iii) The breakdown of food in the stomach (8 letters)
- iv) The process of taking food into the body (9 letters)
- v) The process of absorbing nutrients into the bloodstream (9 letters)
- vi) The last part of the digestive system (8 letters)
- vii) The green pigment in plants that absorbs sunlight (10 letters)
- viii) A plant that eats insects (11 letters)

**Down:**

- i) The tube that connects the mouth to the stomach (13 letters)
- ii) Organisms that cannot make their own food and depend on others for nutrition (11 letters)
- iii) The process of using absorbed nutrients (11 letters)
- iv) The enzyme in saliva that breaks down starch (11 letters)
- v) A plant that lives on another plant (8 letters)
- vi) The part of the animal digestive system where most digestion occurs (13 letters)

OR

**Design a crossword puzzle with clues related to acids, bases, and salts. Use key terms and concepts from the chapter to create engaging and challenging clues.**

**Note:** Paste the worksheet in your science notebook and crossword puzzle sheet in your activity file/ experiment file.



## SOCIAL SCIENCE

### ACTIVITY 1

Find out the following information about West Bengal and Maharashtra: Roll no. 1 to 15

Telangana and Bihar: Roll no. 16 onwards

- Type of state legislature. (Paste the pictures of the state legislatures).
- Total no. of seats in Vidhan Sabha/ state legislative assembly.
- Government in power in the state, party symbol (Draw party symbol or paste picture).
- Main opposition party, name, and party symbol. (Draw party symbol or paste picture).
- Name of the Governor and Chief Minister. (Paste Pictures)
- Name of the Speaker
- Mark the states on the political map of India



**Activity- 1 to be done in Social Science Scrap file.**

### **EVALUATION CRITERIA:**

- Content Accuracy
- Visual presentation and neatness
- Relevance and use of pictures
- Research effort and creativity
- Timely submission

### ACTIVITY- 2

#### **Making a Working Model of a Wind Vane**

**Follow the specifications below:**

**Base:** 12 x 12 cm (sturdy material for durability).

**Vertical Shaft:** 30 cm in height (use a material that can withstand movement).

**Horizontal Arms:** 15 cm in length (ensure they are balanced and secure).

**Materials:** Use suitable materials to make the model hardy, as it needs to be brought to school for evaluation.

**Functionality:** The model should be functional, accurately indicating wind direction.

**Note:** Please ensure the model is well-constructed and stable for easy transport and demonstration.

**Attempt the given Worksheet and paste it in Social Science Scrap File.**

## ***SOCIAL SCIENCE: WORKSHEET***

**I. Identify these words with the help of the given clues. The number of letters in each is given in brackets.**

- (1) One of the components of our natural environment (8) \_\_\_\_\_
- (2) The parts of different spheres in which life exists together ((9) \_\_\_\_\_
- (3) The uppermost layer of the earth (5) \_\_\_\_\_
- (4) Remains of plants and animals trapped within layers of rocks (7) \_\_\_\_\_
- (5) Two plates moving towards each other, causing rocks between them wrinkle up (7) \_\_\_\_\_
- (6) Gets affected by any change in the environment (8) \_\_\_\_\_
- (7) The innermost layer of the earth (4) \_\_\_\_\_
- (8) A sedimentary rock formed by buried plants (4) \_\_\_\_\_
- (9) Cuplike depression on top of the volcanic cone (6) \_\_\_\_\_
- (10) An instrument that records and measures vibrations of an earthquake
- (11) \_\_\_\_\_

**II.. Give one word for each sentence given below:**

- (a) Animal intake plants absorb and convert nitrogen compounds into \_\_\_\_\_
- (b) Substances that cause pollution \_\_\_\_\_
- (c) Prevents days from becoming very hot and nights from becoming very cold \_\_\_\_\_
- (d) Average weather conditions at a place over a long period of time \_\_\_\_\_
- (e) The horizontal movement of air \_\_\_\_\_
- (f) The instrument to measure the speed of wind \_\_\_\_\_
- (g) Winds blowing from the subtropical high-pressure belts to the sub-polar low-pressure belts \_\_\_\_\_
- (h) Brings down the temperature in coastal areas during the day \_\_\_\_\_
- (i) The wind that reverses its direction with the change of seasons \_\_\_\_\_
- (j) Attacked the eastern coast of India in 1999 \_\_\_\_\_

### III. Define.

(a) Cartography

---

(b) Archives

---

(c) Prashastis

---

(d) Scribes

---

(e) Mlechchha

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## ART AND CRAFT

### ACTIVITY- 1

#### PAPER BAG MAKING

Make a beautiful paper bag (use any coloured pastel sheets/ handmade sheet) and decorate it with unique ideas.



## **ACTIVITY- 2**

### **PAPER MACHE- PEN HOLDER**

Create a beautiful pen/pencil holder and decorate it.



## **INFORMATION AND TECHNOLOGY**

**Project Title: “Tech in My Daily Life – A Digital Diary”**

**What to Include:**

### **1. Cover Page:**

- Project Title
- Name, Class, and Roll Number

### **2. Introduction:**

- What is technology?
- Why is it important in our lives?

### **3. Daily Life Examples:**

Students will list and describe real-life uses of technology, such as Google Maps, Alexa, ATMs, security cameras, QR codes, etc.

### **4. Photos or Drawings:**

Include pictures (taken by the student or drawn) of technology being used at home or outside.

### **5. Reflection:**

- How has technology made life easier?
- One thing you would invent using computers to help people.

## **LIBRARY**

Write a book report or summary of any one book which you have read during your vacations.





# THANK you



🎉 You've completed your Holiday Homework! 🎉

We are so proud of your efforts.

☀️ Keep exploring, asking questions, and having fun!



Reflect & Share:



What was something new you learned during the break?

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We hope your holiday homework kept your curiosity  
alive and your brain active!

We can't wait to see you back, full of ideas and energy.



**"Education is the most powerful weapon which you can use to change the world."**

**– Nelson Mandela**