

**LK SINGHANIA EDUCATION CENTRE  
GOTAN**



**HOLIDAY ASSIGNMENT**

**SESSION : 2025-26**

**CLASS - VI**

**“Climb every mountain, ford every stream,  
Follow every rainbow, till you find your dream.”**

**Dear Students,**

**Wishing you a happy and blessed summer time!**

**You are the torch bearers of change. Put in your sincere efforts and do some unique and creative work for the society. The tiny efforts of each soul are the remarks of gratitude to Nature.**

**The entire team of LKSEC teachers has put all will and might in designing “The Holiday Assignment”, where certain aspects are kept in mind like use of technology, wise use of paper and resources from surroundings. Put your shoulder to the wheel in making the projects creative, attractive and cost effective with appropriate information.**

**While preparing the assignment, keep in mind following points:**

- 1. All the assignments should be original.**
- 2. Use technology wisely and correctly.**
- 3. Values and virtues bring enrichment in bonds among members of the family. So, as a piece of advice, involve your parents in the process.**
- 4. Use poster colours, sketch pens etc.**
- 5. Grammatical accuracy also carries weightage.**
- 6. Sincere and honest efforts will be appreciated.**
- 7. The cover page must include details like student’s name, class and section, subject and name of the teacher it is to be submitted to.**

**Make this summer special, innovative and enthralling.**

**Educationally Yours,**

**R C Joshi  
Principal**



# CLASS - VI

## SUB – SCIENCE

### Experiment 1: How Plants Absorb Water – Capillary Action

**Title:** Investigating how plants absorb water using coloured water

**Aim:** To observe how water moves through a plant stem by capillary action.

**Materials Required:**

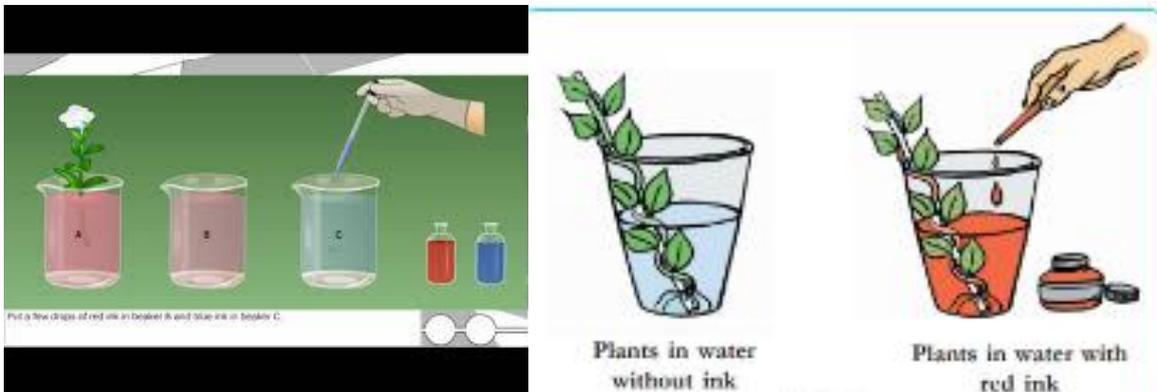
- A white flower (like a daisy or carnation) or a celery stick with leaves
- A transparent glass , Water ,Food colouring (blue or red)

**Method:**

1. Fill the glass with water and add a few drops of food colouring.
2. Place the white flower or celery stick into the glass.
3. Leave it undisturbed for 24 hours.
4. Observe the colour changes in the petals or leaves.

**Observation:?**

**Conclusion:?**



**Follow-up Questions: Ans please?**

- Why did the flower change colour?
- What part of the plant is responsible for transporting water?

### Experiment 2 : Layers of Soil

**Title:** Exploring the layers of soil by making a soil jar

**Aim:**To separate and identify different components of soil.

**Materials Required:**

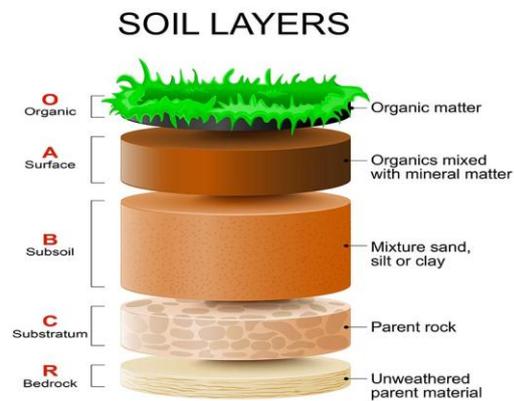
- A transparent glass jar with a lid , Soil from a garden ,Water ,Spoon

**Method:**

1. Fill the jar halfway with soil.
2. Add water until the jar is nearly full.
3. Screw the lid tightly and shake the jar for 2-3 minutes.
4. Let it sit undisturbed for 24 hours.

**Observation:?**

**Conclusion:?**



**Follow-up Questions: Ans please ?**

- What do the different layers tell us about the soil?
- Why is it important to know the types of soil?

**Experiment 3: Testing Objects for Magnetic and Non-Magnetic Properties**

**Aim:** To identify which materials are magnetic and which are non-magnetic.

**Materials Required:**

- A small bar magnet , Coins (metal) , Plastic spoon
- Iron nails, Rubber band , Paper clips , Pencil

**Procedure:**

1. Place the magnet near each object one by one.
2. Observe whether the object is attracted to the magnet.
3. Make a table to note your observations.

**Observations:?**

**Object**                      **Magnetic / Non-Magnetic**

Coin

Plastic spoon

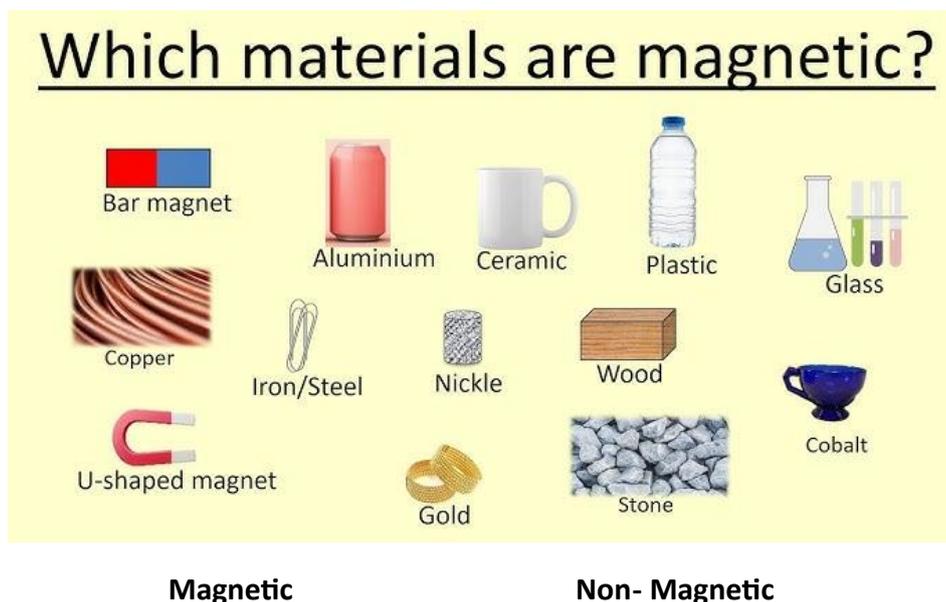
Iron nail

Rubber band

Paper clip

Pencil

**Conclusion:-?**



**Observations:?**

**Conclusion:-?**

### **Experiment 4: Growing a Bean Plant in a Jar**

**Aim:** To observe the germination and growth of a seed.

**Materials Required:**

- Kidney bean or moong seed , Transparent glass jar , Wet cotton , Water

**Procedure:**

1. Soak the seed overnight.
2. Place wet cotton in the jar and keep the seed on top.

3. Water it daily and keep it in a sunny spot.

4. Observe changes every day.

**Observations:?**

**Conclusion:?**



### **Experiment 5 : DIY Solar Oven**

**Objective:**To build a simple solar oven and observe how sunlight can be used for cooking.

**Materials Required:**

- A shoebox , Aluminium foil ,Plastic wrap ,Black construction paper
- Tape/glue ,A thermometer (optional)

**Procedure:**

1. Line the inside of the shoebox with black construction paper.
2. Cover the inner lid with aluminium foil to reflect sunlight.
3. Stretch plastic wrap over the top opening to trap heat.
4. Place food (e.g., chocolate and marshmallows) inside the box.
5. Position the oven outside in direct sunlight.
6. Observe and record temperature changes or the melting process over time.

**Observation?**

**Conclusion:?**

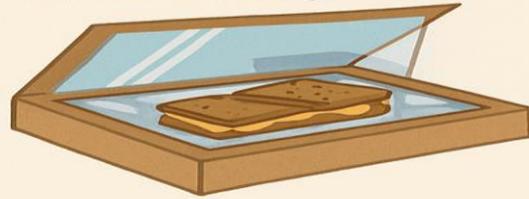


## 2 Mini Project: "Solar Oven"

Build a simple solar oven using a pizza box, foil, and plastic wrap.

Use it to melt cheese or make s'mores using sunlight!

**Explain** how solar energy is used in cooking.



### INSTRUCTIONS-

1. DO ALL ASSIGNMENTS (ANY THREE) IN A PRACTICAL SHEETS /FILE.
2. YOU TAKE THE COLOUR PRINT OF YOUR COVER PAGE WITH SCHOOL LOGO AND NAME.
3. WRITE YOUR NAME, CLASS AND SECTION ON COVER PAGE OF FILE.
4. ASSIGNMENT MUST BE SUPPORTED WITH DIAGRAM
5. FOR ANY HELP REGARDING THE ASSIGNMENTS PLEASE CONTACT YOUR SCIENCE TEACHER

# **SUB - ENGLISH**

## **CLASS – VI**

**Theme: Learn, Explore, and Shine!**

Dear Students,

Summer is a time for rest, play, and new adventures! But learning doesn't have to stop – it can be fun, exciting, and full of creativity. This holiday, we want you to explore your talents, spend quality time with your loved ones, and enjoy the world of books and imagination. Here's your summer assignment designed to bring learning and joy together!

**Attempt any three tasks:**

### **1. MasterChef in the Making**

Roll up your sleeves and step into the kitchen! Team up with your parents to cook your favourite dish. Write a step-by-step recipe describing how you prepared it – from chopping to garnishing. Don't forget to paste 2–3 photos of you in action!

### **2. Book Adventure: Diary of a Wimpy Kid**

Read Diary of a Wimpy Kid by Jeff Kinney – a book full of fun, laughs, and relatable school moments! Write a short summary in your own words and share the part of the story you enjoyed the most. Did Greg remind you of yourself?

### **3. A Trip Down Memory Lane**

Interview your grandparents or any elder about their school life. Turn it into a lively conversation in your notebook – ask them about their teachers, friends, favorite subjects, and mischiefs! Write it in a dialogue format, just like a play.

## 4. Verb Voyage!

Set sail on a grammar adventure by listing 30 irregular verbs along with their past and past participle forms. You can decorate your page with fun doodles or color codes to make it more exciting.

## 5. Superpower Dreams

Let your imagination fly! If you could have any superpower in the world, what would it be? Would you fly, become invisible, or talk to animals? Write a creative paragraph explaining your dream power and how you'd use it to help others.

### **Instructions for Submission:**

- ✓ Use your Holiday Assignment notebook or sheets neatly pasted in a folder.
- ✓ Use colours, creativity, and care in all your work.
- ✓ Submit your assignments on the first day after holidays.

Have a joyful and productive summer! We look forward to seeing your creative work when school reopens. Happy Holidays!

# Class : 6

## Mathematics

### PUZZLE TIME CODE BREAKER

A code is a way of writing a message in secret. The code below is very easy. Each letter of the alphabet is replaced by a number. Send your message in numbers and then your friend can use the de-coder to find out what it says.

### THE DE-CODER

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>
<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>

So, if I want to write 'HELLO' I would write 8 for H, 5 for E, 12 for L and 12 for L again and then 15 for O.

My code would be

8	5	1	1	1
		2	2	5

Now try and work out what this says.

23	1	19	20	5		13	1	14	1	7	5	1	5	1	2	-
												3		4	0	
18	5	4	21	3	5											
18	5	21	19	5												
18	5	3	25	3	1	5										
					2											

Collect the name of the 10 major waste producing countries of the world and write the amount of waste produced by them per day(in Kg) in words (Indian/International both).

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**Maths Working model:**

**Roll number 1 to 16**

Angle clock - Showing the types of angles. The link for the same is given below.

<https://youtu.be/iKU5sSiJeqA>

**Roll numbers 16 and above**

Parts of circle working model. The link for the same is given below.

<https://youtu.be/yt3J5cw0EfA>

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**Class - VI**  
**Subject – Computer Science**

**Summer Vacation Assignment**

1. Find the difference between **4G** and **5G mobile services on Internet**.
2. **Visit a mobile shop with your guardian or through Internet and collect the 4G and 5G plan of TATA DOCOMO, AIRTEL etc.**
3. What is the official website of **Department of Telecommunications-Ministry of Communications & Information Technology, Govt of India**.
4. What could be the Computer Lab Rules according to you?

## ग्रीष्मकालीन अवकाश रचनात्मक कार्य

### कक्षा - 6

1. कविता 'मातृभूमि' में भारत का सुंदर वर्णन किया गया है । आप भारत के किस स्थान पर रहते हैं ? वह स्थान आपको कैसा लगता है ? उस स्थान की विशेषताएँ लिखिए ।

(संकेत - प्रकृति, खानपान, जलवायु, प्रसिद्ध स्थान आदि )

2. समाचार पत्र में प्रतिदिन खेल के समाचारों का एक पृष्ठ प्रकाशित होता है । अपनी पसंद का एक खेल- समाचार लिखकर तैयार कीजिए और रंगों से सजाइए।

## Class - VI

### Sub - Social Science

#### General Instructions:

- Do the work in a neat and creative way.
- Use A4 size sheets or a scrapbook.
- Support your answers with drawings, maps, or printed pictures where possible.
- Submit your work on the **first day after the holidays**.

### History : Our Past – Early Humans and Civilizations

#### Activity: My Life as an Early Human

Write a *short diary entry* (100–150 words) imagining yourself as an early human. Mention:

- What you ate
- Where you lived (cave, hut, etc.)
- What tools you used
- Any adventures while hunting or gathering

✦ You can draw or paste pictures of early tools or cave paintings.

### Geography : The Earth – Our Habitat

#### Activity: Map Detective!

**On a physical map of the world:**

- Mark and label the 7 continents and 5 oceans
- Mark the Equator, Tropic of Cancer, and Tropic of Capricorn
- Choose any one landform (mountain, plateau, plain, etc.)
- Draw it & write a brief description

### Civics: Social and Political Life

#### Activity: My Ideal Community

**Make a poster or mini-project titled: “If I Were the Leader of My Community” include:**

- Rules you would make
- How you would ensure equality and fairness
- Your plan for helping the poor or elderly
- Decorate it with drawings or magazine cut-outs.