

Holiday Homework  
**Subject: Science)**

**Class: 8**

Greetings, young scientists! Summer break is the perfect time to step out of the classroom

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**Fun Learning Activities**

1. **The "Micro-Green" Challenge:** Soak a handful of moong dal or fenugreek seeds. Plant them in a small pot or a recycled plastic container. Observe the stages of germination over 7 days. Draw the different stages in your notebook.

| DAY    | Date | Seed-1 | Seed-2 |
|--------|------|--------|--------|
| Day-1  |      |        |        |
| Day-2  |      |        |        |
| Day-3  |      |        |        |
| Day-4  |      |        |        |
| Day-5  |      |        |        |
| Day-6  |      |        |        |
| Day-7  |      |        |        |
| Day-8  |      |        |        |
| Day-9  |      |        |        |
| Day-10 |      |        |        |

2. **Friction Detective:** Find three different surfaces in your home (e.g., tile floor, carpet, sandpaper, or grass). Roll a small ball across each with the same force and measure the distance it travels.

- *Question:* Why does the ball stop sooner on some surfaces than others?

3. **Concept Mapping:** Create a colorful mind map on chp.2,3,4.5

- 4 **The Cell Sketch:** Draw a neat, labeled comparison table between a **Plant Cell** and an **Animal Cell**.  
Mention differences.

- 5 **Comic Strip:** Create a 4-6 panel comic strip featuring "Super-Vaccine" fighting against "Villain-Virus." Use dialogues to explain how vaccines protect our body.

6. **Preservation Check:** Go to your kitchen and find 5 packaged food items. Read the ingredients and list the **preservatives** used (e.g., Sodium Benzoate, Salt, Sugar, Vinegar).

**7.Space Exploration:** Research the **Aditya-L1** or **Chandrayaan-3** mission. Write a one-page report on its objectives and what it discovered about our celestial neighbors.

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