

Section 1: Fun Learning Activities

- **The "Living" Window Sill:** Grow your own "Micro-garden." Take three different types of seeds (e.g., Moong dal, Mustard, or Fenugreek/Methi). Plant them in small recycled plastic cups or coconut shells. Observe them for 10 days and record how they sprout.

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

- **Shadow Detective:** On a sunny day, pick a fixed object in your garden or balcony (like a potted plant or a pole). Measure its shadow at 9:00 AM, 12:00 , and 4:00 PM. Draw the shadows and explain why the length changed.

DAY	Shadow at 9.00am	Shadow at 12.00 o'clock	Shadow at 6.00 pm
Day-1			
Day-2			
Day-3			
Day-4			
Day-5			
Day-6			

- **Prepare a herbarium** .Collect 3-3 leaves of reticulate venation & Parallel venation.Dry these by keeping between old newspapers. When completely dry paste these carefully on A4 sheets.
- **Venation network-** Put 2 /3 peepal in water for 2/3 days. Then wipe out the decayed part with th help of cotton.Dry the network n paste in your file.

Section 2: Practice Work

- **The Component Tracker:** List 5 food items you ate for lunch today. Identify the main components (Carbohydrates, Proteins, Fats, Vitamins) present in them.

- **Measurement Challenge:** Use a standard ruler or measuring tape to find the length of five different objects in your room (e.g., your pillow, a water bottle, a storybook). Convert the measurements from centimeters (cm) to millimeters (mm).
- **Mystery Separation:** Imagine someone mixed salt, sand, and small iron nails. Write down the step-by-step process (using scientific terms like *Sieving*, *Magnetic Separation*, *Filtration*) you would use to get them back separately.
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- **Presentation Instruction**
- All work should be compiled in a **neatly decorated A4 Size Project File** or a dedicated **Holiday Homework Notebook**.
- Use eco-friendly materials for decoration

Format: Project File/Notebook with a **Cover Page** (including Name, Class, Section, and Roll No.).

- **Organization:** Include an **Index** page and ensure all pages are numbered.
- **Visuals:** Use colorful pens for headings. Drawings and diagrams must be labeled clearly using a pencil.
- **Neatness:** 5 marks will be dedicated specifically to the neatness and creativity of your presentation.

Stay Curious, Stay Scientific! Happy Holidays!