Activities on the study of support in plants

1. Classification of plant tissues:

- Divide the students into small groups.
- Give each group a specific type of plant tissue (such as stem tissue or leaf tissue).
- Ask students to classify these tissues into their different types (such as woody stem tissue or human leaf tissue).

2. Osmotic pressure experiment:

- Use cork and water to explain the concept of osmotic pressure.
- Give the students a piece of cork and ask them to put it in the water.
- They will notice that the cork absorbs water and swells due to osmotic pressure.

3. Cell wall structure experiment:

- Use a microscope to view slides of plant cells.
- Ask students to focus on the structure of the cell wall and different tissues (such as stem cells and leaf cells).

4. Design a model of the cell wall:

- Give students materials such as cardboard, colored paper, and glue.
- Ask them to build a model of the cell wall showing the different layers (cellulose, cutin and lignin).

5. Field activities:

- Take a tour of the school or garden to look for different types of plants.
- Ask students to identify the different parts of plants (roots, stems, leaves) and learn about their functions.

6. Designing an awareness poster:

- Ask the students to design a poster explaining the importance of support in plants.
- The poster can contain graphics and text explaining the physiological and structural features.