

Animal vs Plant Cells

Name:

Date:

INQUIRY

Plants can make their own food. Animals can't. The difference is visible inside the cell.

Discuss with your partner. Write your initial ideas below:

Key Vocabulary

Term	Definition
Cell wall	Rigid outer layer in plant cells. Made of cellulose.
Chloroplast	Contains chlorophyll. Site of photosynthesis.
Vacuole	Large, permanent in plant cells. Stores cell sap.

Part A — Comparing

1. List 3 structures found in BOTH animal and plant cells, and 3 found ONLY in plant cells. [3 marks]

2. Explain why plant cells have chloroplasts but animal cells don't. What does this allow plants to do? [2 marks]

Part B — Application

3. Chinese rice paddies are flooded with water. The rice plant cells have large vacuoles. Explain how this helps the plant survive in water. [3 marks]