

Standard

Students know the characteristics that distinguish plant cells from animal cells including chloroplast and cell wall.

Plant and Animal Cell Differences

Animal Cells

1.No cell wall

2. No
chloroplasts

Plant Cells

1.Cell wall – for support and allows plants to grow against gravity

2. Chloroplasts – carry out photosynthesis; converts sun to energy allows plants to make their food

Plant and Animal Cell Differences

Animal Cells

3. Vacuole – is smaller and have more than one.

4. No definite shape

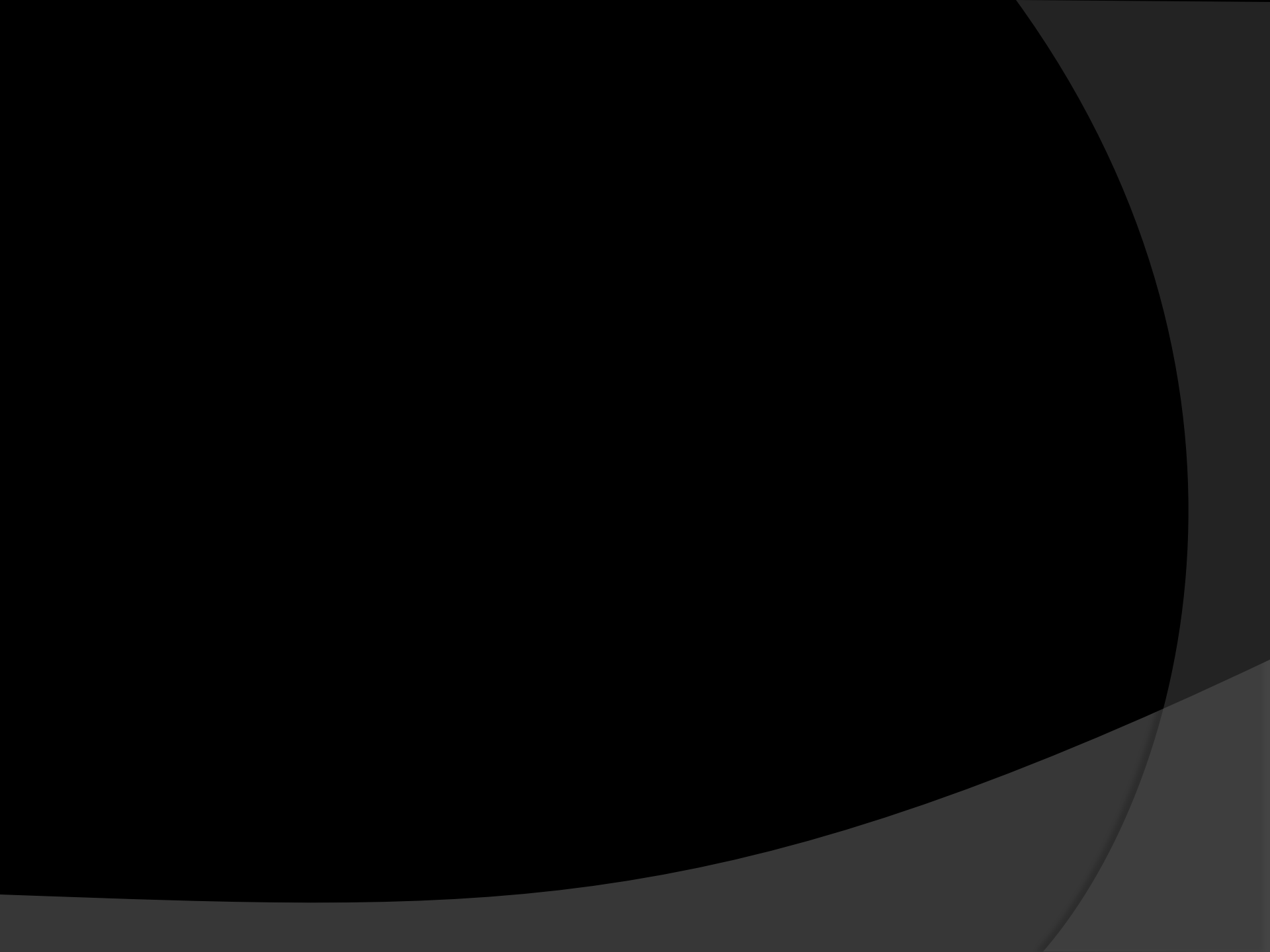
5. Lysosomes

Plant Cells

3. Vacuole – very big; stores water and other liquids; helps to regulate pressure of the cell.

4. Rectangular shape due to the cell wall

5. Plant cells don't have a lot of waste with their food. Exception is venus fly trap.



Differences between plant and animal cells quiz

4	3	2	1
<p>Explains 4 differences between plant and animal cells.</p> <p>Explains reasons why they are different and writes using proper grammar.</p>	<p>Explains 3 differences between plant and animal cells.</p>	<p>Explains 2 differences between plant and animal cells.</p>	<p>Cannot explain 2 differences between plant and animal cells.</p>

Sample 1

There are several differences between plant and animal cells. The plant cell has chloroplasts which helps the cell to make its food. The animal cell does not have a cell wall and the plant cell does. The last difference is that the animal cell is an oval shape and the plant cell is a rectangular. These are some differences between plant and animal cells.

Sample 2

There are several differences between plant and animal cells. The animal cell does not have chloroplasts and the plant cell does. It needs the chloroplasts so the plant can make its food from the sun. The animal cell does not have a cell wall and the plant cell does. The plant cell needs the cell wall so that it can grow against gravity. The last difference is that the animal cell is an oval shape and the plant cell is a rectangular. The plant cell gets its rectangular shape due to the cell wall, without this it would be oval. These are some differences between plant and animal cells.