

### Student learning outcome (SLO):

<ul style="list-style-type: none"> <li>• Structure of an animal cell.</li> </ul>	<ul style="list-style-type: none"> <li>• Levels of organization.</li> </ul>
<ul style="list-style-type: none"> <li>• Difference between a plant and an animal cell.</li> </ul>	<ul style="list-style-type: none"> <li>• Specialist animal cells.</li> </ul>

### Overview:

The main purpose of this lesson is to reinforce the names of the different organelles of an animal cell and their function.

### Introduction:

Video can be shown to explain a generalized structure of an animal cell.

<https://www.youtube.com/watch?v=URUJD5NEXC8>



### Material:

The teacher will bring a chart of an animal cell showing its different parts.

### Keywords:

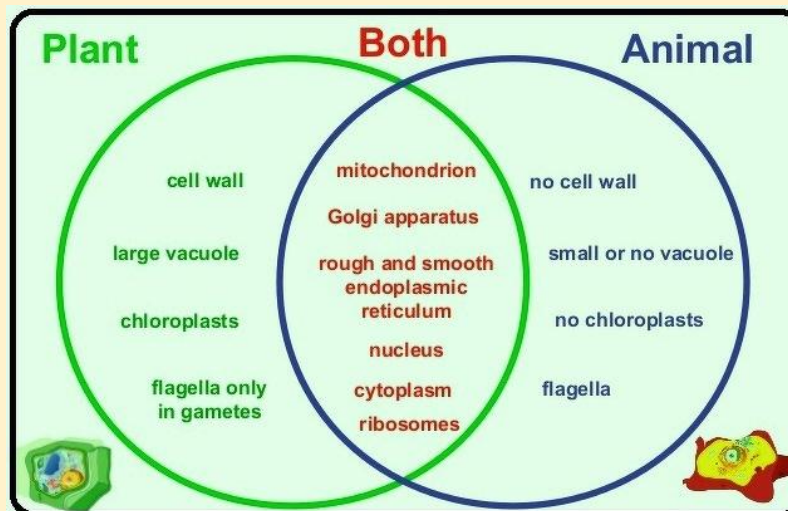
Cell membrane, nucleus, cytoplasm, ribosomes, centrioles, mitochondria, vacuole.

### Activities:

1. Arrange two types of cut-outs; ones for the **organelles of the cell** and the others for **their functions**. Divide the class into two groups. Give the cut outs of the organelles of cell to first group. And the cut outs with the functions to the second group. Ask them to match the cut outs.
2. Show a picture of a different plant cells. Ask, 'Do all cells are similar or different, if different then what is their function?'
3. Draw a picture of an animal cell and label its part.
4. Cut and Paste Cells – This free cell worksheet set includes options for plant and animal cells. Students cut out the organelle names and glue the labels in the correct part of the cell.

### 5. Venn Diagram:

Venn diagrams are a great way to help students visualize the connections between two things, in this case, plant and animal cells. To make this graphic organizer, just draw two overlapping circles on a sheet of paper. Make sure to make the circles large enough to have room to write.



### 6. Animal cell game:

Students can also play these fun games to learn the different parts of a plant cell.

<https://www.sheppardsoftware.com/science/cell/animal/game/>



### Essential questions:

Before starting the lesson, ask some questions to explore the background knowledge of students:

1. Are animals living things?
2. Living things are made of what?
3. Are plant and animal cells similar?
4. Do animal cells have a cell wall?
5. Compare an animal cell with a brick and explain how it helps in making a whole animal like a building.
6. Ask students to give a simple description of animal cell if they can.

