**Work Sheet** **|** Lower Secondary

 Stage (6-8)

1st Semester | 2023-2024

|  |  |
| --- | --- |
| **Subject:** Biology | **Chapter:** CellsName: Grade 6 (all sections) |
| **Objectives:*** To identify and describe the different features of plant and animal cell.
 |

Q1. Complete the table below by drawing and labeling an animal and a plant cell.

Nucleus / cell membrane / cell wall / cytoplasm / large vacuole / chloroplast /mitochondria

|  |  |
| --- | --- |
| **Animal cell** | **Plant cell** |
| As shown in the power point | As shown in the power point  |

Q2. Complete the table below.

|  |  |
| --- | --- |
| **Component**  | **Function**  |
| Cell membrane  | * Maintains shape and size
* Controls entry and exit of substances in and out
 |
| Cell wall | * Protection
* Maintain the shape
* Prevent damage
 |
| Nucleus | * Controls all the cell activities
 |
| Cytoplasm | * All chemical reactions take place in
 |
| Mitochondria  | * Perform cellular respiration
 |
| Chloroplast | * Site of photosynthesis
 |
| Large vacuole  | * Stores water, food and waste products
* Helps give shape
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