**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Intro to Cells**

Cells come in different \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Our body is made of trillions of cells mostly “glued” together into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Cells are **specialized**. This means that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Ex. White blood cells are specialized to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

<http://www.youtube.com/watch?v=JnlULOjUhSQ>

Red Blood Cells are specialized to carry \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Materials can be \_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ inside cells. Ex. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Things can move \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of cells.

Ex. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Some organisms are made of only \_\_\_\_\_\_\_\_\_\_\_ cell. They are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Examples: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Paramecium <http://www.youtube.com/watch?v=sn3MTYNe8mM>

Amoeba <http://www.youtube.com/watch?v=aWItglvTiLc>

Euglena <http://www.youtube.com/watch?v=IWyol3u-OL8&list=PLkCuwkOQ9fPysGL3OWk8Wt3Uz7ANtrN53>

Some organisms are made of \_\_\_\_\_\_\_\_\_\_\_\_ cells. They are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Cells contain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that do jobs inside the cell.

**Parts of the Cells to know:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Organelle Name | Plant or Animal | Job | Process | Drawing |
| Cell Membrane |  |  |  |  |
| Nucleus |  |  |  |  |
| Mitochondria |  |  |  |  |
| Chloroplasts |  |  |  |  |
| Ribosome |  |  |  |  |

**This activity is to help you remember what the parts do:**

For the first two columns:

If the cell was a city….based on what you know about the parts of the cell, what would each part be within the city? Give your reason for choosing that part. It should be based on the function of that particular part of the cell.

AND

For the 3rd and 4th column, choose your own topic and fill in the parts of the cell that would be similar in function.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cell Part Name | Part of the City | Why? |  | Why? |
| Cell Membrane |  |  |  |  |
| Nucleus |  |  |  |  |
| Mitochondria |  |  |  |  |
| Chloroplasts |  |  |  |  |
| Ribosome |  |  |  |  |