1. Your mission:
   1. All living things are composed of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
   2. Define the acronym: C\_\_\_\_\_\_\_\_\_\_\_\_ E\_\_\_\_\_\_\_\_\_\_\_\_\_ V\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .
2. Choose your mission:
   1. Mission 1: Reconnaissance
      1. You enter the cell through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
      2. The fluid interior of the cell is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
      3. Once inside you are to \_\_\_\_\_\_\_\_\_\_ the cell \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and structures.
      4. Complete the table below while investigating the inside of the cell.

|  |  |
| --- | --- |
| **Structure** | **Function** |
| Golgi |  |
|  | Maintains cell structure and shape |
| Lysosome |  |
| Cell membrane |  |
| Ribosome |  |
|  | Makes energy in the form of ATP |
|  | Transports proteins |
| Nucleus |  |
|  | Makes Lipids and preforms other chemical reactions |
|  | Transports substances like protiens throughout the cell |

* 1. Mission 2: Escape
     1. Record your escape score here\_\_\_\_\_\_\_\_\_\_\_\_\_.
  2. Mission 3 Defense:
     1. You must shoot each \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ because they are under \_\_\_\_\_\_\_\_\_\_\_\_\_.
     2. Record your Defense score here \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
  3. Mission 4: Construct
     1. Illustrate and label one animal cell below. Include: Cell membrane, cytoplasm, nucleus, nucleolus, ribosomes, rough ER, Golgi, Smooth ER, Mitochondria, vesicles, lysosomes, and cytoskeleton.
     2. Record your Construct score here \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
  4. Record your overall score here.