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

**Journey to the Center of the Cell**

**RAFT**

You have been given the technology to shrink down to the size of a tiny molecule. Now you can pass through the membrane or wall of a cell and swim among its organelles! Write your classmates a letter explaining what you saw and where in the cell you traveled.

Plan out your story here. Fill in the chart below with five organelles you will see on your journey. Include what they look like (structure) and what you see them doing (their function).

**Structure = the way in which parts are shaped or arranged**

**Function = the activity something is responsible for; a role; its purpose**

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| --- | --- | --- |
| Organelle | What it looks like (structure)… | What you see it doing (function)… |
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Here is an example in case you get stuck.

*Eureka! I got it! I have found a way to shrink myself to be microscopic. I make my way over to the window of our classroom taking my shrink ray with me. I shrink myself down and jump out the window onto a blade of grass. Oh look – I landed on the cell wall of this blade of grass! It is tough and rigid but I make my way through. I must now squeeze my way through the cell membrane. I know from class that the cell membrane only allows certain things in and out of the cell. I am very lucky to have squeezed through the cell membrane too. I wonder what I will see on the rest of my journey!*