**Go to:** [**http://www.cellsalive.com/howbig\_js.htm**](http://www.cellsalive.com/howbig_js.htm)

Click on How Big? Use the zoom in and out to compare the sizes of the following: Hair, red blood cell, white blood cell, dust mites, viruses and bacteria, list them form largest to smallest:

Largest \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Smallest \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Click back on How Big Overview at the top… then…Cell Models and play the animations of the animal, plant and bacteria cells. Click on all the parts! Write the functions of the following organelles. On the line write a letter A if it’s in an animal cell, P if it’s in a plant cell and B if it’s in a bacteria cell next to the organelle.**

1. Nucleus\_\_\_\_
2. Mitochondria \_\_\_\_
3. Chloroplast\_\_\_\_\_\_
4. Vacuole\_\_\_\_\_\_\_
5. Ribosome\_\_\_\_\_\_\_
6. Cell Wall \_\_\_\_\_\_\_
7. Cytoplasm\_\_\_\_\_\_\_
8. Capsule\_\_\_\_\_\_\_
9. Centriole\_\_\_\_\_\_\_

**Make a Venn diagram comparing and contrasting Plant and Animal Cells:**

**Animal Cell Both Plant Cell**

Look at the pictures in the Cell Gallery. Pick your favorite and describe it.

**OPTIONAL….Extra Effort BELOW**

Do a jigsaw or word puzzle… save the screen showing you did it. Have Mrs. C initial here \_\_\_\_\_\_\_

Use your notes above to take a quiz on cell biology. My Score? \_\_\_\_\_\_ Save the screen have Mrs. C Intial here\_\_\_\_\_\_