**Biology 9: Unit 2 Poster #2 (Your poster MUST include all of the following below)**

**EUKARYOTIC CELLS**

ORGANELLES to be

INSIDE your cell:

1. Nucleus
2. DNA
3. Rough E.R.
4. Smooth E.R.
5. Ribosomes
6. Golgi Body (2)
7. Cytoplasm
8. Mitochondria (2)
9. Lysosome (2)
10. Cell Membrane – you must draw

= NOT found in plant cells

**PLANT CELL**

**ANIMAL CELL**

(Plant cells always have similar shapes)

ORGANELLES to be

INSIDE your cell:

1. Nucleus
2. DNA
3. Rough E.R.
4. Smooth E.R.
5. Ribosomes
6. Golgi Body (1)
7. Mitochondria (1)
8. Cell Membrane – you must draw
9. Cell Wall – you must draw
10. Chloroplasts (2)
11. Vacuole – you must draw

= NOT found in animal cells

\*= NOT found in plant cells

**Color the organelles and use the key to identify. You need to create and draw your own color key on your final poster. Below is an example of what your key should look like for each cell and organelle.**

**COLOR KEY:**

**NAME FUNCTION**

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**PROKARYOTIC CELLS**

**Biology 9: Unit 2 Poster #1 (Your poster MUST include all of the following below)**

**BACTERIA**

ALL Structures will be drawn by you:

1. Ribosomes
2. Cell Membrane
3. Flagellum
4. Cytoplasm
5. DNA
6. Capsule
7. Cell Wall
8. Cilia