Your task is to create a poster of **both** an animal and plant cell to hang in a science classroom. You draw each of the cells, complete with a labeled key and a list of functions **OR** use the provided coloring sheets for the basis of your poster.

On the front on your poster(s):

* **Draw or color the provided sheets according to the key below:**
  1. Cell membrane: orange
  2. Mitochondria: red
  3. Vacuole: yellow
  4. Cell wall: grey
  5. Chloroplasts: green
  6. Smooth Endoplasmic Reticulum: pink
  7. Rough Endoplasmic Reticulum: purple
  8. Ribosome: light blue
  9. Golgi Apparatus: dark blue
  10. Cytoplasm: white
  11. Flagella: red/blue striped
  12. DNA: brown
  13. Nucleolus: yellow/blue striped
* **Number each organelle (using the numbers above); HINT: NOT ALL NUMBERS WILL BE USED WITH EACH TYPE OF CELL.** Example: animal cells do not contain chloroplasts (#5)
  + *Some components of the cell may be left blank!*

On the back of your poster(s):

* Using the numbered key on the front of your poster, the back should contain a numbered list, indicating the name of the organelle and its function.
  + Example:

1. Cell Membrane: (function)
2. Mitochondria: (function)
3. Vacuole: (function)

* Use pages 174-182 to research functions of the organelles.

**These posters are due by Wednesday, October 30th!**