

Organelle (sketch)	Description (how to recognize)	Function (Circle key word)	Works with these organelles:	Structure-function relationship	Miscellaneous Information

## Organelle Chart Instructions

Following are suggestions, but not limitations, on making your organelle chart. You will use class notes, your text, and information found through links listed at <http://www.chemistar.com> then click Orting High School Biology, and then click Useful Links.

### Organelle/sketch:

- Write the name of the organelle and make a sketch to help you remember the general appearance.
- If the organelle is present in an animal cell, write A in the lower right-hand corner of the box. If the organelle is found in a plant cell, write P in the lower right-hand corner. If the organelle is found in both, write P A in the lower right hand corner.

### Description/How to Recognize:

- Include location (ex. Inside nucleus) or any other hints we discussed in class
  - o Ex. threadlike material inside nucleus
- include the biomolecule(s) that make up this organelle

### Function: (circle a key word)

- ex. Mitochondria is the “powerhouse” of the cell
- List substances the organelle produces.
- It is likely the products will be composed of biomolecules. Note which one.

### Works With These Organelles:

- Often, an organelle does part of a job. List other organelles that are involved with that particular function.
- Put the list in order, like a production line.

### Structure to Function:

- How is the structure of the organelle suited to its job?
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### Miscellaneous information:

- any other specific and *important* information that does not fall into the first 5 categories

You will need 5 copies of the chart itself to list all 25 organelles.