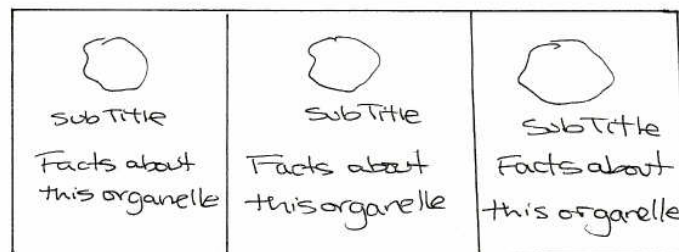
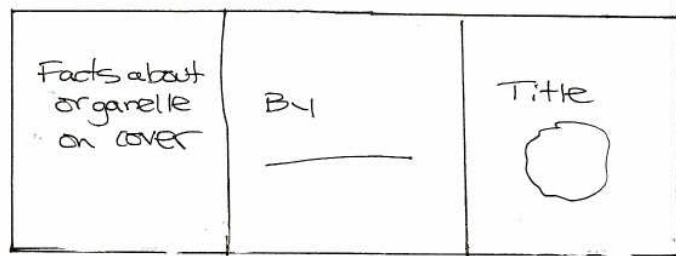


Cell Brochures

Due _____

You are going to create a cell parts brochure. It needs a section for 4 organelles: mitochondria, chloroplast, nucleus and a cell part of your choice. Create a brochure using the model below or use the following directions to make a brochure online.

1. Type: go.hrw.com in the address bar.
2. Type Keyword: HY7CELW.
3. Click go.
4. Click: Internet Activity: Cell World.
5. Type a title like: Getting to Know the Organelles of the Cell.
6. Pick pictures of:
 - Mitochondria
 - Chloroplast
 - Nucleus
 - Your choice
8. For each organelle, type 4 to 6 bulleted facts. You can use your cell part notes, cell analogies or textbook pages 121-126 for help.
9. The facts should not be in sentences, they should be brief.
Example: the power house of cell (not: It is the power house of all cells)
10. Follow the directions online to make a pamphlet.
11. Print out, then cut and glue together with the blank sides facing each other.



First Organelle: _____

Facts about the Organelle: _____

Second Organelle: _____

Facts about the Organelle: _____

Third Organelle: _____

Facts about the Organelle: _____

Fourth Organelle: _____

Facts about the Organelle: _____

Getting to Know the Organelles of the Cell

By Mrs. DuPar

The Nucleus: The Control Center of the Cell

- * The nucleus is the control center of the cell.
- * The nucleus is where DNA is found.
- * The nucleus has directions for all parts of the cell.
- * The nucleus tells all cells parts how to go together.
- * The nucleus is like the brain of the body.
- * The nucleus is like the parents in a house.

The Mitochondria: The Powerhouse of the Cell

- * The mitochondria is the powerhouse of the cell.
- * The mitochondria makes energy the cell can use.
- * The energy the cell can use is called ATP.
- * The mitochondria is like the stomach or intestines of the body.
- * The mitochondria is like the kitchen in a house.

The Chloroplast: The Energy Maker

- * The chloroplast is the only part of the cell that can create its own energy.
- * The chloroplast makes energy from sunlight.
- * The chloroplast is only found in plant cells.
- * The process of making energy from sunlight is called photosynthesis.
- * The mitochondria is like the garden of a house.

The Endoplasmic Reticulum: The Delivery System

- * The ER is the delivery system of the cell.
- * The ER has ribosomes on it that make protein.
- * There are 2 kinds of ER: rough and smooth.
- * The ER is like the blood cells of the body.
- * The ER is like the roads and delivery trucks in a town.