

# CELL ANALOGIES COLLAGE

Assessment (100 pt. Test Grade)

Date Due \_\_\_\_\_

**1.** Draw a plant or animal cell in pencil on 5" X 8" white paper or plain white index card. Include the following structures:

**Basic Nine**

cell or plasma membrane  
cytoplasm  
nuclear envelope  
nucleus  
nucleolus  
mitochondrion  
Golgi apparatus  
ribosome  
endoplasmic reticulum

**Pick Four Appropriate To Your Cell Type!**

cell wall  
chloroplast  
centriole  
cytoskeleton  
vacuole  
cilia  
flagellum  
microtubule  
lysosome

\* You might want to do more than 13 in case your analogy is incorrect or incomplete!

**2.** Correctly label your cell as a plant cell or an animal cell.

**3.** Find out the function (or main job) of each structure in the cell. (Read your book, check the glossary, and class notes.)

**4.** Find a magazine, newspaper picture, or computer graphic of an everyday object or draw an everyday object which has a similar function (or use) as each cell structure.

Write an analogy to show the similarity between the cell part and the everyday object.

Be sure to explain the reasoning behind your analogies. (Ex. The nucleus is like a brain because it controls and coordinates the activities of the whole cell in the same way the brain controls and coordinates activities of the body.)

**5.** Paste your cell drawing in the middle of a regular size piece of poster board.

**6.** Paste the pictures of everyday objects at the edges of the poster board. Label the pictures with your neatly written analogies and make a pointer to the correct structure in your cell drawing.

**7.** Fill out name, period and theme (if applicable) on scoresheet with collage and turn in on time.

**Extra Credit** - Use a specific theme for all analogies and decorate collage so the theme is obvious!

**GRADING POLICY:**

A - Neat, complete, 13 appropriate analogies

B - Neat, complete, 12 appropriate analogies

C - Complete, 11 appropriate analogies

D - Messy, incomplete, or wrong.

F - Too messy for words, wrong, incomplete.

0 - No collage turned in will result in 0 points.