

**Topic:** Cell Quiz

**Summary:** Assess student's knowledge of cell organelles and its interaction with the environment.

**Goals & Objectives:** Students will be able to identify and define different parts of the cell.

**Time Length:** 20 minutes

**Standards:** CA Biology 1a, 1d, 1e, 1f, 1g.

**Materials:**

Quiz & pencil or pen

**Procedures:**

Students put away any notes, binders, and books on the floor.

**Accommodations:** Students with an IEP can have extra time taking the quiz.

**Evaluation:**

Each question is worth 2 point each for a total of 24 points.

## Cell Quiz

(Use scientific terms only)

1. Which cell organelle is the site of cellular respiration? \_\_\_\_\_
2. Which cell organelle synthesizes phospholipids and steroids, detoxifies poisons and lacks attached ribosomes? \_\_\_\_\_
3. Which organelle has most of the genes that control the cell? \_\_\_\_\_
4. Which cell structure is semi-permeable and forms the boundary of the cell?  
\_\_\_\_\_
5. What is the site of protein synthesis that is suspended in the cytosol and produces proteins for use within the cell? \_\_\_\_\_
6. Which organelle receives transport vesicles from the ER and produces lysosomes and secretory vesicles? \_\_\_\_\_
7. Which organelle is the site of photosynthesis? \_\_\_\_\_
8. Which organelle is the site of protein synthesis and is attached to the outside surface of the endoplasmic reticulum? \_\_\_\_\_
9. Which organelle moves proteins around the cell with transport vesicles and has attached ribosomes? \_\_\_\_\_
10. Where are components of ribosomes synthesized, assembled, and found in the nucleus ? \_\_\_\_\_
11. Which organelle has enzymes are used to digest food, other molecules, and old worn out cell parts of the cell? \_\_\_\_\_
12. Which organelle has membrane bound sacs and stores materials? \_\_\_\_\_