

Cell Project

This is a graded assignment:

“Cletus T. Cell Gets a Job”

Cletus T. Cell graduated from high school last May and was looking forward to having the whole summer off to relax before leaving for college in September. But, before he could slide into his flip flops his parents sat him down and gave him the news: “You have to get a job Cletus, and help pay your college tuition. Your sister cells have cleaned out the savings account.” Cletus was not expecting this and was totally unprepared to start working. However, as a dutiful son, Cletus agreed to begin looking for a job right away.

Cletus began looking in the want ads for jobs. He is a very unusual cell and has some organelles from his “plant” aunts and some from his “animal” uncles. So, he has many organelles with different skills and could do many types of jobs but needs help in finding the right jobs for each of his skills. He has already applied for two jobs. Can you help Cletus find work for all his skills and experience?

Use Cletus’s resume below to help him choose a career. Fill in the organelle’s cellular job and think of something or someone that does a similar job in the world. (Cletus has already figured out the first two so that you could use those as examples.) Originality and creativity count!

RESUME: Cletus T. Cell

Organelle	Skill/Experience	Career
Nucleus	<i>controls all cell activities and stores information to maintain life</i>	President of a company; makes all decisions and knows everything about his company to keep it running smoothly and making a profit
Mitochondrion	<i>converts food into a usable molecule (ATP) to provide energy to the cell</i>	Nuclear Power Plant: converts radioactive metals into electricity that is required in every home and business
Cell Membrane		
Cytoplasm		
Ribosome		

Golgi Bodies

Cell wall (normally found only in plant cells)

Chloroplast (normally found only in plant cells)

Lysosome

Centriole (normally found only in animal cells)

Central Vacuole (normally found only in plant cells)

After finding all the possible jobs that Cletus could do, which one do you think he should choose? _____

Why? _____
