

I CAN DO THE FOLLOWING:		
Follow directions		
Read		
Think		
Interchange all of the different words those pesky scientists use		
List the three parts of the cell theory		
List the levels of organization smallest → biggest		
List the levels of organization biggest → smallest		
Identify the fxn of all of the organelles		
Identify which organelles are found only in plant cells		
Define what it means to be organic		
List the 4 groups of organic cpds		
List the fxns of each group of organic cpds		
Give 2 examples of each type of cpd		
List the fxn of enzymes		
Describe the lock & key theory of enzyme activity		
List factors that affect enzyme activity		
Identify unsafe lab techniques and list suggestions to improve them		
Distinguish between heterotroph and autotroph		
Write the equation (words and symbols) for photosynthesis		
Identify the reactants/products of photosynthesis		
Identify the location where photosynthesis occurs		
Write the equation (words and symbols) for cell respiration		
Identify the reactants/products of cell respiration		
Identify the location where cell respiration occurs		
Distinguish between aerobic and anaerobic respiration		
List the life functions of living things		
List the fxn of the cell membrane		
Describe what “up the slide” means		
Describe what “down the slide” means		
Draw and label a graph showing a catalyzed/uncatalyzed rxn		
Measure length, mass/weight – technically different & volume		
Convert in the metric system		
Identify the parts and the fxns of a microscope		
Identify a substance as acidic, basic or neutral		
Do “pH math” Ex pH X is how many times more acidic than pH Y		
List the steps in finding a specimen using a compound light microscope		
List the steps in how to make a wet mount		
Describe the fxn and structures of each of the body systems		
When applicable follow the flow of material through a body system		
Pick 2 body systems and describe how they work together to maintain homeostasis		
Graph		
Identify the steps in the scientific method		
Distinguish between variables – dependent/independent		
Distinguish between control and experimental group		
Analyze data		
Design an experiment		
Write a hypothesis (NEVER in the form of a question)		