Sci 8 Reading Check p31

1. An organelle is a structure within a cell that performs a specific function. Example mitochondria produce energy for the cell.
2. Nucleus is the control center because it controls all the cells functions. It also carries all the instructions in its DNA.
3. Protection Dome is the cell membrane because it regulates what comes in and leaves the cell.
4. Cellular Respiration is a process in which the mitochondria uses sugar and oxygen to produce energy for the cell.
5. Photosynthesis is a process performed by chloroplasts in which the sun’s energy and carbon dioxide and water are used to produce sugar for the plant which it then converts to chemical energy.
6. Plant cells differ from animal cells in that plant cells contain a large central vacuole for holding water, chloroplasts for photosynthesis to make their own energy, and a cell wall.