

# Organelle Organizer

Organelle	Sketch	Principle life processes	How are you going to remember?
Nucleus		synthesis	Stores DNA
Nucleolus		synthesis	Produces RNA
Endoplasmic reticulum		transport	Transports proteins, RNA and amino acids
Ribosome		synthesis	Produces protein
Golgi body		transport	Packages secretions
lysosome		nutrition	Contains digestive enzymes for the cell
Vacuole		Nutrition, excretion	Storage of different material ie. Food, water, wastes
Cytoplasm		ALL (mostly metabolism)	Watery cell "stuff"; complex mixture of chemicals.
Mitochondria		respiration	Site of respiration (aerobic)
Cell membrane		Regulation and transport (most of the others too)	Semi-permeable. Keeps cell different from environment.
Cell wall			Only in plants (and algae and bacteria); gives structure; cellulose (dead)
Chloroplast		Respiration	Only in plants (and algae); chlorophyll; photosynthesis