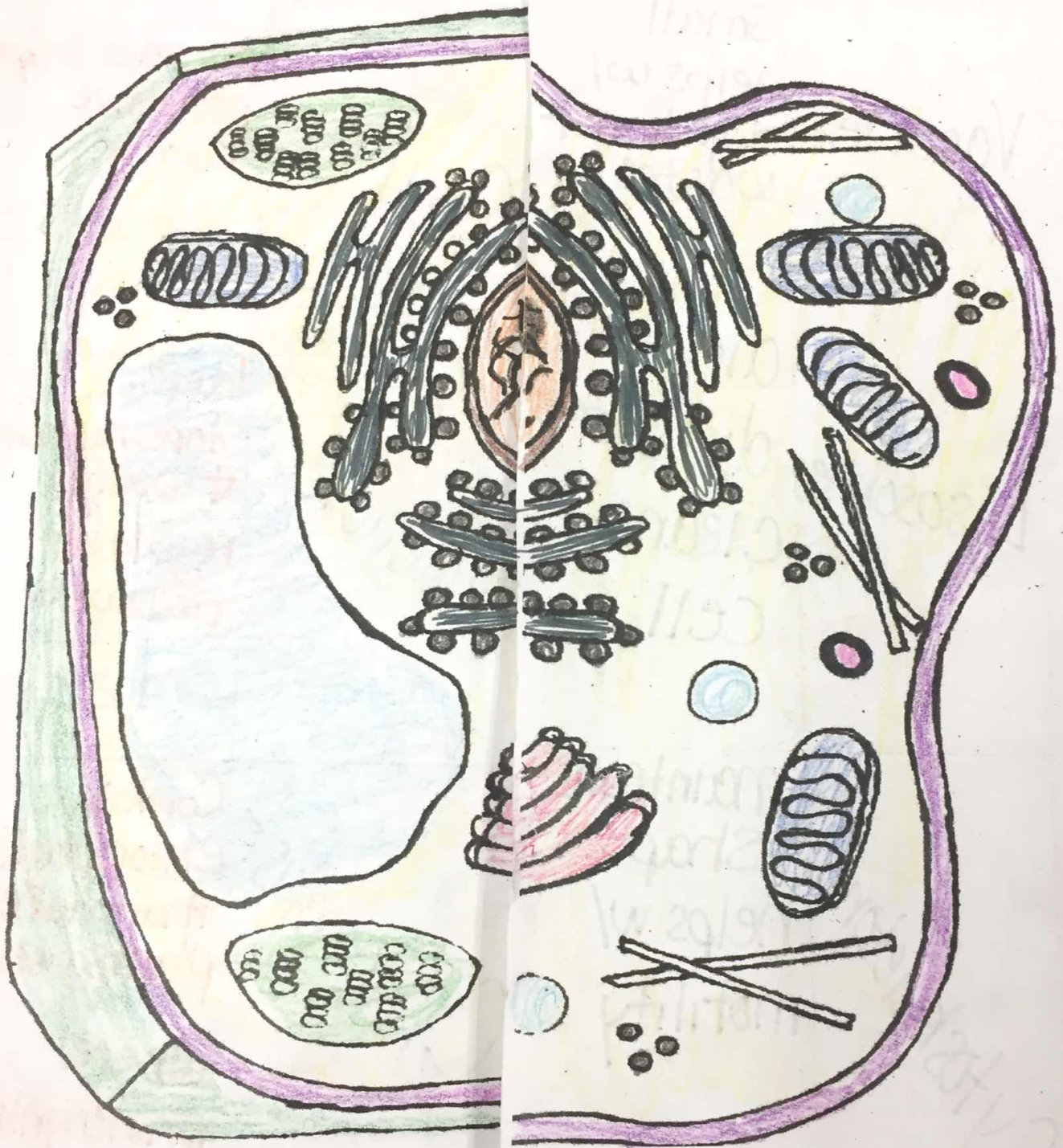


Plant Cell

Animal Cell



Plant Cell Only

Organelle	Function
Cell Wall	Provides shape protective barrier.
Vacuole	Large. Stores nutrients + wastes regulates pressure.
Chloroplast	Contain Chlorophyll that makes plants green. where photosynthesis occurs.

Both Plant and Animal Cell

Organelle	Location	Function
Cell Membrane	protective barrier; controls what flows in and out of cell.	
Mitochondria	Provides energy for cell	
Nuclear Envelope	membrane that surrounds nucleus to protect it.	
*Chromatin	floats in nucleus. Contains genetic material (DNA)	
Cytoplasm	Gel-like substance that fills inside of cell. Allows organelles to move around	
Golgi body	Package molecules for transport through-out cell.	
Ribosomes	Produce proteins	
Nucleus	contains DNA. Control center of cell.	
Nucleolus	Produces ribosomes inside nucleus	
*Endoplasmic Reticulum	transports substances throughout cells. Near nucleus	
(Smooth)	→ w/o ribosomes	
(Rough)	→ w/ ribosomes	

Animal Cell Only

Organelle	Function
Vacuole	Small helps w/ digestion + wastes
Lysosome	aid in digestion cleans cell
Cytoskeleton	maintains shape... helps w/ motility