

## At Work in a Cell

Category	Name of the Cell Part	Function
Cell Structure	Cell membrane	protective covering w/ tiny openings
	Cell wall	plants only tough & flexible, hold shape
	Cytoplasm	Watery gel that contains organelles
Manufacture and Transport	Ribosomes	makes proteins manufacturing plants
	endoplasmic reticulum	takes proteins where they need to go
	Golgi body	transports protein outside the cell
Energy Production	Mitochondria	produce energy energy → power
	Chloroplast	plants only sun → sugar
Waste and Storage	Vacuoles	storage tanks for food & water till needed
	Lysosomes	digest waste
Directing	Nucleus	Brain of cell has chromosomes that contain DNA