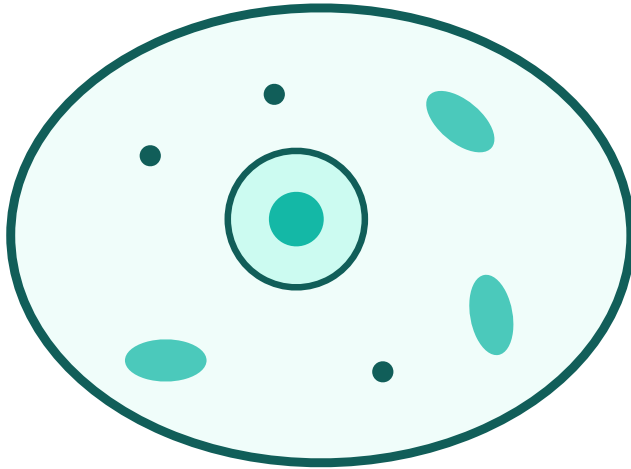


Plant & Animal Cells

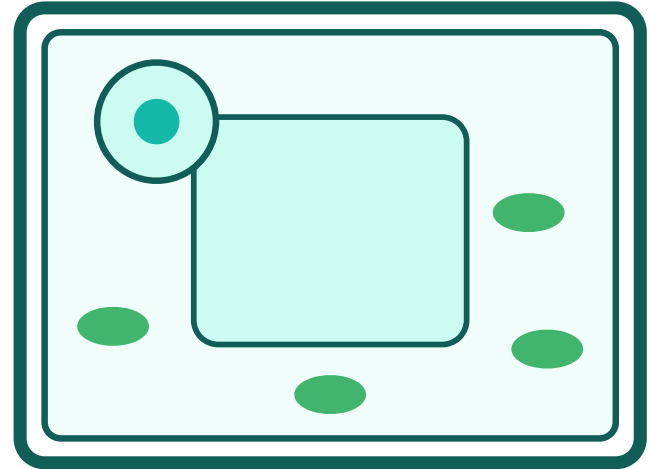
6th Grade

Both cells labelled side by side, with what each organelle does.

ANIMAL CELL



PLANT CELL



WHAT IS INSIDE, AND WHAT IT DOES

Nucleus	Control centre — holds the DNA.
Cell membrane	Decides what gets in and out.
Cytoplasm	Jelly where the reactions happen.
Mitochondria	Releases energy from sugar.
Ribosomes	Build proteins.
Endoplasmic reticulum	Transport network for proteins and fats.
Golgi body	Packages and ships what the cell makes.
Vacuole	Storage. Large and permanent in plants.
Cell wall	Rigid outer layer — gives shape and strength. plant only
Chloroplast	Makes food using sunlight (photosynthesis). plant only

The three plant-only parts — cell wall, chloroplasts, one large vacuole — are the exam question.