

STRUCTURE	FUNCTION	<b>DIRECTIONS for FOLDABLE:</b>	FUNCTION	STRUCTURE
Threadlike structures	Hereditary material that contains the code for cells	<b>Use your textbook, pages 68-74, to figure out which structure &amp; function belong to which organelle.</b>	In a plant – contains the chlorophyll	Double membrane
Large organelle with a double membrane	Directs all cell activity		Folded membranes that move materials around the cell	System of folded membranes
Small organelles without a membrane	Produces proteins in the cell		Breaks down food to release energy for cell activities	Double membrane organelle – size of a bacteria
Wide variety of sizes and shapes	Break down food molecules and cell waste		Sorts and packages proteins and other substances	Looks like a Smooth ER
Large storage area in plant cells, small in animal cells	Stores water, waste products and food		Gelatin-like substance inside the cell membrane	Gelatin-like material
Rigid structure made of cellulose in plant cells only	Tough outer covering of plant cells		Protective membrane around the cell	Double layer of lipids (fat molecules)