

	Word	Definition	Synonym
1	cell theory	a widely accepted explanation of the relationship between cells and living things (all living things are made of cells, cells are the basic structure of life, and cells come from other living cells)	cell = life
2	organelle	a tiny cell structure that carries out a specific function in a cell	little organs
3	unicellular	a type of organism that is made up of one cell	single
4	multicellular	an organism made up of many cells	multiple
5	mitochondrion	a rod-shaped cell structure that produces most of the energy needed to carry out the cell's functions	powerhouse
6	reproduction	the production of offspring that are similar to the parents	offspring
7	spontaneous generation	the mistaken idea that living things arise from nonliving sources	instant life
8	stimulus response	an action or change in behavior caused by something in the environment	reaction
9	cell membrane	the outside boundary of a cell, which can control which substances enter and leave a cell	boundary
10	nucleus	the control center of a cell that directs the cell's activities	control center
11	eukaryote	an organism whose cells have a nucleus	nucleus
12	nuclear envelope	membrane that surrounds the nucleus, keeping the nucleolus and genetic material separate from the rest of the	nuclear membrane
13	chromatin	when the cell is in a resting state, the chromatin contains the DNA and proteins that form the chromosomes (genetic material)	genetic material
14	nucleolus	a small dense spherical structure in the nucleus containing RNA and proteins	nucleus of the nucleus

15	cytoplasm	the region of the cell located inside of the cell membrane and outside of the nucleus (when present)	jelly-like
16	vacuole	a water-filled sac inside a cell that acts as a storage area	storage
17	endoplasmic reticulum	a maze of passageways inside of the cell that carries proteins from one part of a cell to another	tunnels
18	ribosome	a tiny structure in the cell that makes proteins	protein maker
19	Golgi Apparatus/Body	a structure in a cell that receives proteins and other materials, packages them, and ships them to other parts of	packaging plant
20	lysosome	a round structure in a cell that contains chemicals that break down large food particles into smaller ones	digestion
21	cell wall	a rigid layer of nonliving material that surrounds the cells of plants and some other organisms	structure
22	chloroplast	a structure in the cells of plants and some other organisms that captures energy from the sunlight and uses it to produce food	green
23	prokaryote	an organism whose cells lack a nucleus	no nucleus