



Inside a Cell

ogistics		
Time Required		
Class Time: 30 minutes		
Prep Time: 10 minutes		
Materials		
Student handouts, comput	ters with interr	net access
Prior Knowledge N	eeded	
_{None} Appropriate For:		
Primary Intermediate	Secondary	College

Abstract

An optional fill-in-the-blank table to use in conjunction with the interactive activity of the same title (url above). Students navigate the inside of a cell to see the organelles in action and learn their function. An answer key is provided.

Learning Objectives

- Cells have internal parts, each with a specific function.
 - The interior of a cell is a dynamic and busy environment.

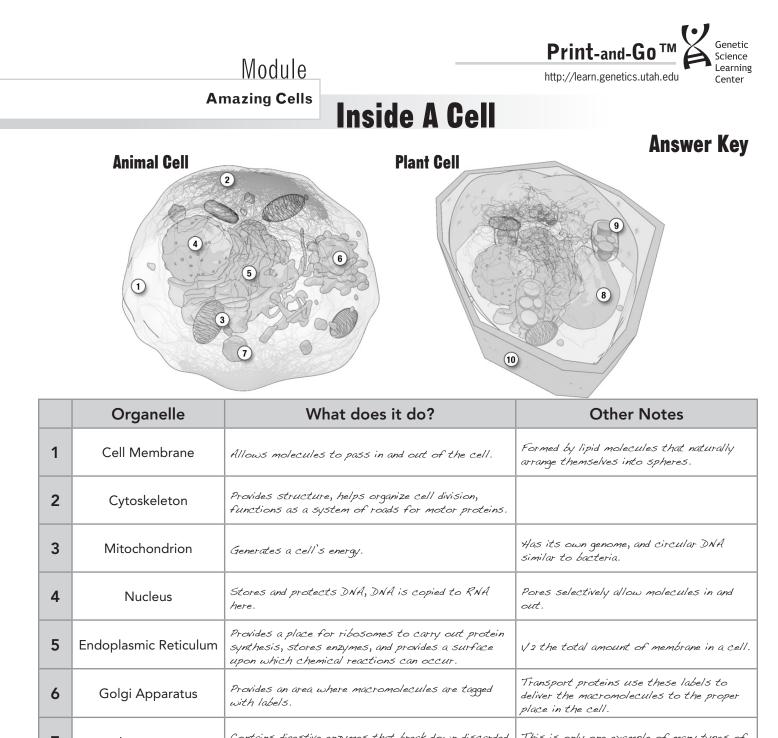
Credits

Kerry Geisen, Jordan High School, Jordan, MN Molly Malone, Genetic Science Learning Center Harmony Starr, Genetic Science Learning Center (illustrations)

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7	Lysosome	Contains digestive enzymes that break down discarded proteins.	This is only one example of many types of vesicles.
8	Vacuole	Stores nutrients, breaks down waste, helps cell grow, provides pressure.	Only in plants.
9	Chloroplast	Converts energy from the sun into sugar.	Have their own genome. Only in plants.
10	Cell Wall	Protects cell from injury and provides support.	Only in plants.

This activity was downloaded from: http://learn.genetics.utah.edu/teachers

<u>Name</u> Date			Print-and-Go TM
		Inside a Cel	http://learn.genetics.utah.edu Center
	Animal Cell	2 Plant Cell	
	Organelle	What does it do?	Other Notes
1	Cell Membrane		

1	Cell Membrane	
2	Cytoskeleton	
3	Mitochondrion	
4	Nucleus	
5	Endoplasmic Reticulum	
6	Golgi Apparatus	
7	Lysosome	
8	Vacuole	
9	Chloroplast	
10	Cell Wall	