Name _____

Date _____

Complete the Dropping Signals activity on the Learn.Genetics website. Record the effect of each signal on each cell type in the table below.

Print-and-Go™
http://learn.genetics.utah.edu
Genetic Science Learning Center

dropping Signals

CELL TYPES

SIGNALS

	Muscle	Photoreceptor	Skin Cancer	Leaf Parenchyma	Fibroblast
	contain proteins that allow them to contract	specialized cell type in the retina of the eye	genetically changed skin cell with altered behavior	produce sugar in plant leaves	responsible for structural frameworks in body tissues
Light (energy that travels freely through space)					
Nitric Oxide (a gas produced by cells)					
Cytokine (a growth factor in the form of a small protein molecule)					
Hormone (a small protein molecule that travels through the blood stream)					

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