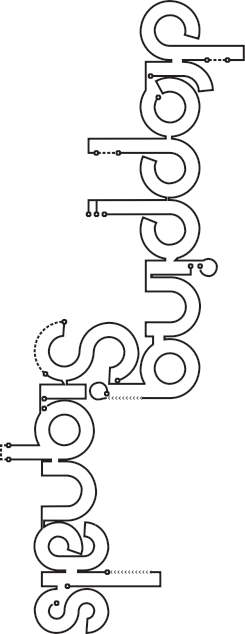
S I G N A L S

a small protein molecule that travels through the blood stream



**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](http://learn.genetics.utah.edu/)

genetically

changed skin cell with altered behavior

produce sugar

in plant leaves

responsible for

structural frameworks in body tissues

**Skin**

**Cancer**

**Leaf**

**Parenchyma**

**Fibroblast**

**S1**

© 2008 University of Utah

**Permission granted for classroom use.**

**Hormone**

a growth factor in the form of a small protein molecule

**Cytokine**

a gas produced by cells

**Nitric**

**Oxide**

C E L L T Y P E S

contain proteins

that allow them to contract

specialized

cell type in the retina of the eye

**Muscle**

**Photoreceptor**

energy that travels freely through space

**Light**