



## Affix Meanings

<b>-cyte</b>	cell
<b>adipo-</b>	fat
<b>chondro-</b>	cartilage
<b>erythro-</b>	red
<b>hepato-</b>	liver
<b>leuko-</b>	white
<b>myo-</b>	muscle
<b>neuro-</b>	nerve
<b>oo-</b>	egg
<b>osteo-</b>	bone

*An affix is a part of a word that has a specific meaning.*

## Build the Word

Can you figure out what each of these types of cells are called?

Example: osteo cyte = bone cell

\_\_\_\_\_ = muscle cell

\_\_\_\_\_ = egg cell

\_\_\_\_\_ = fat cell

\_\_\_\_\_n = nerve cell

\_\_\_\_\_ = cartilage cell

\_\_\_\_\_ = liver cell

\_\_\_\_\_ = red blood cell

\_\_\_\_\_ = white blood cell



# Word Builders

## Human Cells

### Sort It Out

Use the affixes to learn more about different human cells.

Match each type of cell to its function.

- Example: osteocytes help keep bones strong
- \_\_\_\_\_ carry oxygen in the blood
- \_\_\_\_\_ help move parts of the body
- \_\_\_\_\_ help store energy
- \_\_\_\_\_ help make new humans
- \_\_\_\_\_ help break down food
- \_\_\_\_\_ help connect bones to each other
- \_\_\_\_\_ travel in the blood to fight diseases
- \_\_\_\_\_ send signals from the brain to the body

#### WORD BANK

adipocytes  
 chondrocytes  
 erythrocytes  
 hepatocytes  
 leukocytes  
 myocytes  
 neurons  
 oocytes  
 osteocytes

Match each cell type to the body system it belongs to. (Some systems will match more than one cell type.)

- Example: myocyte ————— BODY SYSTEMS
- neuron
- chondrocyte
- hepatocyte
- erythrocyte
- leukocyte
- oocyte
- osteocyte
- circulatory system
- digestive system
- muscular system
- nervous system
- reproductive system
- skeletal system

### Affix Expert

Can you think of another type of cell not in this list? Give it a -cyte name.



## Word Builders

# Human Cells

### Answer Key

#### Build the Word

*myocyte* = muscle cell

*oocyte* = egg cell

*adipocyte* = fat cell

*neuron* = nerve cell

*chondrocyte* = cartilage cell

*hepatocyte* = liver cell

*erythrocyte* = red blood cell

*leukocyte* = white blood cell

#### Sort It Out

*erythrocytes* – carry oxygen in the blood

*myocytes* – help move parts of the body

*adipocytes* – help store energy

*oocytes* – help make new humans

*hepatocytes* – help break down food

*chondrocytes* – help connect bones to each other

*leukocytes* – travel in the blood to fight diseases

*neurons* – send signals from the brain to the body

neuron – nervous system

chondrocyte – skeletal system

hepatocyte – digestive system

erythrocyte – circulatory system

leukocyte – circulatory system

oocyte – reproductive system

osteocyte – skeletal system