

# Cellular Scavenger Hunt

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Work with one or two partners to find the nine types of cells being described below in the Cellular Level circles around the Life Systems exhibit. Stay together as a group as you will need to hunt for the answers together. Write the names of the cells from the Cellular Level circles in the spaces provided.

1. \_\_\_\_\_ This organ contains the group of cells that 'dance' to the beat of a nearby drum.
2. \_\_\_\_\_ Electricity allows these cells to pass information between them.
3. \_\_\_\_\_ These bone cells build a strong framework to support and protect other organs.
4. \_\_\_\_\_ These cells are capable of detecting different chemicals in the air.
5. \_\_\_\_\_ Because these cells are made to merge together through reproduction, they contain only one copy of the organism's DNA.
6. \_\_\_\_\_ Our bodies' two types of photoreceptor cells that assist us with determining color.
7. \_\_\_\_\_ These cells make up the protective outer organ of our bodies.
8. \_\_\_\_\_ These cells are responsible for all voluntary movements.
9. \_\_\_\_\_ These cells are specially designed to absorb nutrients from broken-up food.

# MOST\*

## Word List

Digestive epithelium

Gametes

Neurons

Olfactory cells

Organ of Corti cells

Osteoblasts and Osteocytes

Rods and Cones

Skeletal muscle cells

Skin epithelium

# Cellular Scavenger Hunt Answer Key

**MOST\***

1. **Organ of Corti cells**  
This organ contains the group of cells that 'dance' to the beat of a nearby drum.
2. **Neurons**  
Electricity allows these cells to pass information between them.
3. **Osteoblasts and Osteocytes**  
These bone cells build a strong framework to support and protect other organs.
4. **Olfactory cells**  
These cells are capable of detecting different chemicals in the air.
5. **Gametes**  
Because these cells are made to merge together through reproduction, they contain only one copy of the organism's DNA.
6. **Rods and Cones**  
Our bodies' two types of photoreceptor cells that assist us with determining color.
7. **Skin epithelium**  
These cells make up the protective outer organ of our bodies.
8. **Skeletal muscle cells**  
These cells are responsible for all voluntary movements.
9. **Digestive epithelium**  
These cells are specially designed to absorb nutrients from broken-up food.

## New York State Standards

Middle School

**Standard 4:** Key Idea 1; Key Idea 5