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.

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

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

High School
Living Environment: Standard 4:
Key Idea 1: 1.2f, 1.2g, 1.2h, 1.2i, 1.2j
Key Idea 2: 2.1b, 2.1c, 2.1d, 2.1e, 2.1g, 2.1j