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
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**New York State Standards**

**Middle School**

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