

# Interactivity: Multicellular Life

Name \_\_\_\_\_

ClassLink → Pearson → Pearson Realize → Orange Heading “Biology” → Interactivity: Multicellular Life

1. **Levels of Organization:** Read the information given for the levels of organization
  - a. List the four levels of organization in order from SMALLEST TO LARGEST:
  - b. What organ system is described?
  - c. What is the function of the entire organ system?
  - d. How does each level of organization support the function of the whole system?

2. **Levels of Organization:** Drag the pictures in order from SMALLEST TO LARGEST
  - a. What organ system is shown?
  - b. What type of cell is part of this organ system?
  - c. What type of tissue does this cell make up?
  - d. What organ has this type of tissue?

3. **Cell Specialization:** Click through the pictures to observe all of the given cell types
  - a. What determines the function of a cell?
  - b. Fill in the table using the information in the pictures:

<u>Cell Type</u>	<u>Structure</u>	<u>Function</u>

- c. Which cell type would you expect to find in muscle tissue and **WHY** would you expect to find it?
4. **Specialized Functions:** Click on the images to learn about specialized functions
  - a. What is the smallest level or organization shown on this slide?
  - b. What is the organ shown in this example?
  - c. What is the function of this organ?
  - d. How does the rough endoplasmic reticulum help the organ to complete this function?

