Objective

• SWBAT recognize the functions of the muscular system and describe functions of types of muscle tissue.
Functions of the Muscular System

• Works with skeletal system to allow body to move
• Works with skeletal system to give body shape
• Produces heat
Cardiac Muscle Tissue

- Found only in the heart
- Helps heart beat and pump blood
- Movement of cardiac muscle is *involuntary* (not under your control)
Check For Understanding

• What organ contains cardiac muscle tissue?
  A. The lungs
  B. The esophagus
  C. The brain
  D. The heart
Cardiac muscle cell
Skeletal Muscle Tissue

- Attached to your bones to make them move
- Connected to bones by connective tissue called **tendons**.
- Movement of skeletal muscles can be *voluntary* or *involuntary*. 
Check For Understanding

• What is the main function of skeletal muscle tissue?

A. It produces blood cells.
B. It makes your heart beat.
C. It makes your bones move.
D. It digests food.
Smooth Muscle Tissue

- Found in digestive track (mouth, esophagus, stomach, intestines) – helps food go down *smoothly*
- Also found in blood vessel walls
Check For Understanding

- Which organ contains smooth muscle tissue?
  A. stomach
  B. brain
  C. heart
  D. liver