

## 2.2.1. Human Arm Analysis: SFM Organizer

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Sketch a labeled diagram of the system: Human Arm

TEACHER KEY

Structure		Function
Component	<i>Structure of the main components</i>	<i>What does it do?</i>
bone	<b>Humerus:</b> long bone in upper arm that runs from the shoulder to the elbow; forms shoulder and elbow joints Round head, narrow neck, 2 short processes radius ulna	<b>Humerus:</b> connects the scapula and lower arm bones, provides support for the shoulder and a wide variety of arm movements
muscle	bicep tricep	
skin		
tendon		Attach the muscles to the bone
ligament	Touch elastic tissue at the joint	Provide support at the joints

### **Mechanism:**

How do the components and their functions work together to benefit your object within its own biological system?