

2.2.1. Human Arm Analysis: SFM Organizer

Name: _____

Date: _____

Sketch a labeled diagram of the system: Human Arm

TEACHER KEY

Structure		Function
Component	Structure of the main components	What does it do?
bone	Humerus: 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	Humerus: 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	Thick 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?