


ACTIVITY!

BUILD A MODEL OF THE ARM

The arm is made of three main bones: the humerus, ulna, and radius. These bones support the arm and provide attachment points for the muscles that move the arm. Joints at the shoulder and elbow give the arm a wide range of motion and flexibility. In this project, you will build a model of an arm and recreate its movement.

- **Research the bones of the arm and how they are organized.** This website is a good place to start.



 Inner Body bones of arm hand

- How is the arm made?
- What is the function of each of its bones?
- How does it move?
- **Create a model of the arm, including the shoulder and elbow joints.**
 - What types of materials can you use to create your model?
 - What type of joints are at the shoulder and elbow?
 - What type of motion does each joint allow?

To investigate more, consider that several types of injuries can affect the movement of the arm and joints. How would a bone injury affect the arm and movement? How would a joint injury inhibit movement of the arm? Create an injury to the arm model and demonstrate its effect on movement.

**Inquire & Investigate**