

## SC201 Core Science Prac: Investigation of a Chicken Wing

### AIMS

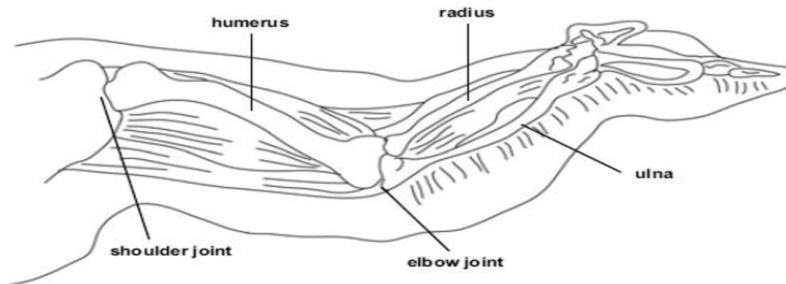
To observe the muscles, bones, ligaments and tendons that make up a bird's wing. To link these observations to an understanding of the muscular skeletal system.

### MATERIALS

Protective gloves, Scissors, Scalpel, Chicken wing, Newspaper

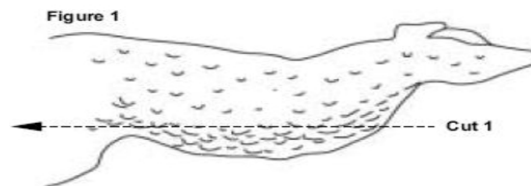
### METHOD

1. Study the diagram of a chicken wing. Use the diagram to help you locate certain muscular and skeletal structures in your wing.



2. Examine the wing at the point where it was removed from the body. Depending on the way the wing is cut, you might see cartilage and bone marrow.

3. Using the scissors, cut down the middle of the skin, starting at the top end of the upper wing. Try not to cut through the muscles below the skin. Do this by piercing the skin and then slipping the scissors between the skin layer and the muscle. Cut until you reach the shoulder joint. (See Figure 1, Cut 1.)



4. Cut down the sides of the skin to make a T-shaped cut. Start at the first cut and cut away from it in both directions. Peel the skin and cut to loosen it. (Note: the chicken skin can be very difficult to remove. Take your time peeling it back so as not to damage the tissues underlying it. (See Figure 2, Cut 2.)

