

Frog Dissection & Tools

Directions:

Your friends in the Introduction to Biology class are going to dissect a frog this afternoon. They have no idea what purpose the lab equipment serves or what steps should be followed. Help them out by matching each piece of equipment to its use, and then order the steps of dissection.

- A. Safety goggles** _____ Used to clean up liquids and other messes
- B. Gloves** _____ Protect your eyes
- C. Apron** _____ Used to pull back skin and other body parts while working
- D. Forceps** _____ Used to hold skin and other body parts away from specimen in a semi-permanent fashion
- E. Dissecting pins** _____ Holds specimen during dissection
- F. Dissecting tray** _____ Protect your skin
- G. Paper towels** _____ Used to cut through skin, cartilage and other body parts.
- H. Scissors** _____ Used as a probe to move organs
- I. Dissecting needle** _____ Protect your clothing

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Order the steps 1 through 6.

- _____ Examine the internal organs of the frog using the forceps and the dissecting needle. Record your observations in your lab manual.
- _____ Look for the frog's cloaca between the hind legs. Use the forceps to lift the skin, and use scissors to cut along the center of the body towards the head.
- _____ Pin the skin flat, away from the body of the frog.
- _____ Using scissors, cut through the muscle and breast bone to open the body cavity.
- _____ Put on your goggles, gloves and apron.
- _____ Place frog in the dissecting tray on its back and pin each leg down.