

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Squid Dissection Write-up

**Materials Needed:** Gloves, Dissecting Tray, Scissors, probe, 10-15 pins, squid specimen

**Procedures:** 1. Place squid in the tray funnel side facing up. Identify all external structures & anatomical positions.

2. Use the scissors to snipe through the mantle above the funnel all the way up to the tip. Be careful not too cut deep into the specimen damaging the internal organs.

3. Carefully open the halves of the mantle and pin them open to the tray. .

4. Use the probe to gently move the internal organs allowing you to identify the required organs.

5. Remove the pins from the squid hold the squid in such a way as to reveal the mouth.

Use the metal probe to break away the bucal sac and detach the beak. Remove the beak, draw and label in the space provided.

7. Make the two color pencil drawings listed below and label all parts as required.

**Clean Up:** 1. Dispose of your specimen and tissue in the “Zip Lock” baggie provided.

2. Return all pins to the box and rinse your scissors and probe and tray in the water provided. Dry ALL materials w/ paper towels provided.

3. Wash your hands with soap and water!!

### External Drawing Squid

Label: Dorsal, Ventral, Anterior, Posterior, Head, neck, trunk, tentacle, arms, eye, fins, mantle, funnel, sucker

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**Internal Drawing Squid**

Label: Dorsal, Ventral, Anterior, Posterior, gills, ink sack, esophagus, stomach, pen, stomach, mantle, beak, gonads

Beak structure