

Name: _____ Date: _____ 75 points possible

Grasshopper Lab Worksheet

Use the booklet provided to dissect the grasshopper as described.

Drawing #1

Draw in the proper color and label an external lateral whole specimen view with the anterior end facing to the left and the posterior end facing the right.

1. Identify and label these external features: Dorsal, Ventral, Anterior, Posterior, Compound Eye, Ocelli, palpi, Antenna, Tympanum, Femur, Tibia, Spiracles, Wings, Protonum, Ovipositer, male or female
2. Kingdom, Phylum and Class

Drawing #2

Draw in the proper color and label an internal lateral whole specimen view with the anterior end facing to the left and the posterior end facing the right.

1. Identify and label these internal features: Esophagus, Crop, Stomach, Intestine, Rectum, Anus, Gastric Ceaca, Malphigian Tubules

Drawing #3

Draw in the proper color and label the left Jumping Leg. Include all joints

- *When the drawings are completed, place the drawings in the proper order and staple all sheets together with this sheet on top. Be sure to answer all questions asked.*
- *Each person in your group needs to complete a dissection and needs to complete all drawings.*
- *Draw only on one side of the paper. Place drawings #1 and #2 on one sheet of unlined typing paper. Drawing #1 on top half and #2 on bottom half.*
- *Use specimen diagram paper (sheet w/ 4 circles) for drawing 3.*