

Observation Lab
Warner Park Nature Center
Student Data Sheet

Watch

Watch the first part of the video to learn the skills needed to make scientific observations.

Observe

Describe the 2nd organism, at the end of the video using as much detail as possible. What structures do you notice (legs, body, mouthpart, etc)? What behaviors can you describe? Draw and label the organism to generate more observations. Include different perspectives – zoom in on details, draw from side view and top view, etc.

Note: As you research this organism later, you may discover new things to look for – be sure to go back and add additional data to your observational drawing to include this new information.

Question

Generate at least 5 questions that could be answered through additional observations and/or research. Eg, "What is the function of the long, hinged structure pointing downward from the head of the organism?" (not, "What does this organism dream about?" Interesting question, but not something we can test or investigate).

Connect

What does this organism remind you? It could be something physically similar, a past experience, or some knowledge that you already have.

Explain

1) Identification: Using a field guide or online internet search, attempt to discover the species (or genus) of this organism. Base your decision on the evidence you observed!

2) Research: Other than the identification, try to answer one of your questions based on your observations, connections and research on the internet. Provide evidence to support your answer.