

Insects - 1.5hr

Students will be able to collect and take a close look at various insects in the field. By using their observation skills and a simple key, they will be able to identify which group each insect belongs to. All insects will be released following the program and the importance of insects will be discussed.

Before you go

Inform students that they will be visiting Carpenter Nature Center to learn about the different groups of insects and how to identify them. Remind them that a large portion of the time will be outside so they should dress appropriately.

While you are here

- 0:00-0:30 Introduction—identifying and sorting different living and nonliving parts of nature and discussing the different types of insects and their lifecycles
- 0:30-1:15 Field experience—working in pairs student will collect and identify insects
- 1:15-1:30 Conclusion—the importance of insects

After you leave

Have students draw/design their own unique insect with the basic characteristics, and then adding special features.

Wisconsin Standards

Carpenter Nature Center address and partake in performance standards to help meet content standards. Additional classroom activities may be needed to complete performance standards.

Code	Performance Standard
A.4.1	When conducting a science investigation, ask and answer questions that will help decide the general area of science being addressed
A.4.3	When investigation a science related problem decide what data can be collected to determine the most useful explanations
C.4.1	Use the vocabulary of the unifying themes to ask questions about objects, organisms, and events being studied
C.4.2	Use the science content being learned to ask questions, plan investigations, make observations, make predictions, and offer explanations

Code	Performance Standard
C.4.4	Use simple science equipment safely and effectively , including rulers, balances, graduated cylinders, hand lenses, thermometers, and computers to collect data relevant questions and investigations
C.4.7	Support conclusions with logical arguments
C.4.8	Ask additional questions to help focus or further investigation
D.4.5	Construct simple models of what is happening to materials and substance under going changes, using simple instruments or tools to aid in observations and collect data
F.4.3	Illustrate the different ways that organisms grow through life stages and survive to produce new members of their type



Minnesota Campus

12805 St. Croix Trail

Hastings, MN 55033

Telephone: (651) 437-4359

www.carpenternaturecenter.org