

Bug Out aligns with 2nd grade Essential Standard-Structures and Functions of Living Organisms. The goal of Bug Out is to increase understanding and appreciation of insects and to reduce fear of insects through experiential learning activities. Bug Out stimulates thinking, develops communication skills, and promotes positive social interactions. Bug Out is best used during the summer or fall when insects are most common and active.

Materials and pre-class preparations are laid out, along with a suggested script. Where appropriate, vocabulary lists, worksheets, and activity sheets are included. An educational kit containing most of the non-consumables needed for implementing these lessons is available through your local 4-H agent. Contact your local Cooperative Extension and ask for the 4-H agent to learn more about the 4-H School Enrichment Curriculum.

## **ESSENTIAL STANDARDS**

Structures and Functions of Living Organisms (2nd)

Understanding Animal Life Cycles

### **Clarifying Objectives:**

#### **2.L.1.1 Summarize the life cycle of animals:**

- Birth
- Developing into an adult
- Reproducing
- Aging and death

✓ **Bug Out** – Mystery Bug

✓ **Bug Out** – How Do They Grow

✓ **Bug Out** – Let's Look at More Insects

#### **2.L.1.2 Compare life cycles of different animals such as, but not limited to, mealworms, ladybugs, crickets, guppies or frogs.**

✓ **Bug Out** – Bugs in a Bottle

✓ **Bug Out** – It's a Bug's Life

✓ **Bug Out** – Bug Parts Bingo