

# INSECTS PROGRAM



## 4<sup>th</sup> Grade Standards

### Science:

*4-PS3-2. Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents.*

*4-PS4-2. Develop a model to describe that light reflecting from objects and entering the eye allows objects to be seen.*

*4-LS1-1. Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.*

*4-LS1-2. Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways.*

*4-LS4-1. Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago.*

### Health Education:

*Standard 1 Students will comprehend content related to health promotion and disease prevention to enhance health.*

*Standard 2 Analyze the influence of family, peers, culture, media, technology and other factors on health behaviors*

### Math:

*KY.4.MD.1 Know relative size of measurement units (mass, weight, liquid volume, length, time) within one system of units (metric system, U.S. standard system and time). a. Understand the relationship of measurement units within any given measurement system.*

*KY.4.MD.5 Recognize angles as geometric shapes that are formed wherever two rays share a common endpoint and understand concepts of angle measurement.*

### Careers and Financial Literacy:

*ES.I.2 Demonstrate flexibility and willingness to try new things (e.g., critical thinking, problem solving).*

*ES.I.7 Practice personal responsibility.*

*ES.I.8 Follow classroom procedures, activities, and behavior in various settings*

*ES.I.12 Exhibit self-control with minimal guidance.*

*ES.I.14 Engage effectively in a range of developmentally appropriate collaborative discussions (one-on-one, in groups and teacher led).*

*a. Follow agreed-upon rules for discussions (e.g. practice active listening and taking turns speaking).*

*b. Speak clearly at an understandable pace using appropriate facts and relevant, descriptive details and complete sentences when appropriate.*

*c. Pose and respond to specific questions to clarify or follow up on information and make comments that contribute to the discussion and link to the remarks of others.*

*d. Use the reasons and evidence a speaker provides to refine ideas when responding to others' ideas.*

*C.I.2 Describe jobs done by employees and other individuals in the community, state and world.*

*C.I.4 Describe the impact of individual interests, values and abilities on career choices.*

*C.I.6 Use various sources of career information (e.g., Career Day, guest speaker, field trips, virtual field trips, career fairs, career websites) to evaluate jobs/careers that reflect individual interests/needs.*

Social Studies:

*4.G.HE.1 Analyze how geographic features created challenges and opportunities for the development of Colonial America.*