5th Grade Mosquito Program

Presented By:

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Next Generation
Sunshine State Standards

SC.5.L.14.2

Compare and contrast the function of organs and other physical structures of plants and animals, including humans, for example: some animals have skeletons for support -- some with internal skeletons others with exoskeletons -- while some plants have stem for support.

SC.5.L.15.1

Describe how, when the environment changes, differences between individuals allow some plants and animals to survive and reproduce while others die or move to new locations.

SC.5.L.17.1

Compare and contrast adaptations displayed by animals and plants that enable them to survive in different environments such as life cycles variations, animal behaviors and physical characteristics.
Day 1:

Pre-Test

Power Point:
Taxonomy and why we use it
Mosquito parts
The Mosquito life Cycle
Water cycle and importance of water
Where Mosquitoes breed
Diseases
Mosquito Control-What we do & How we do it

Day 2:

Lab Day: 1
Biological Controls- Mosquito Fish Feeding
Water Cycle Wheel
Life cycle drawing from cube viewed Insects

Day 3:

Lab Day:2
Mosquito Puppets
Post test review
Ways to decrease mosquitoes and avoid disease in our lives
Post Test
Workbooks will be provided for the classes.
Day 2
Laboratory Day: 1

Students will have the opportunity to observe and identify a variety of mosquito predators.
Day 2
Mosquito Identification Lab

Students will have the opportunity to observe and draw the mosquito life cycle in their workbooks.

Directions: Use the current powerpoint slide on holometabolous metamorphosis of a mosquito to draw each of the four stages of the mosquito life cycle in the circles above.
Day 2
Laboratory Day: 1

Build a water cycle wheel!

My Water Cycle!
Name: ____________________
Day 3
Lab Day: 2

Mosquito-Borne Diseases

- West Nile Virus
- St. Louis Encephalitis Virus
- Eastern Equine Encephalitis Virus
- Highlands J Virus
Day 3
Lab Day: 2

Students can demonstrate their understanding of the information learned through building and using binomial nomenclature to name their Mosquitoes.