

Who Eats Who?

Project & Assembly Directions

Objective

Students will understand that mosquitoes are an important food source for many other animals.

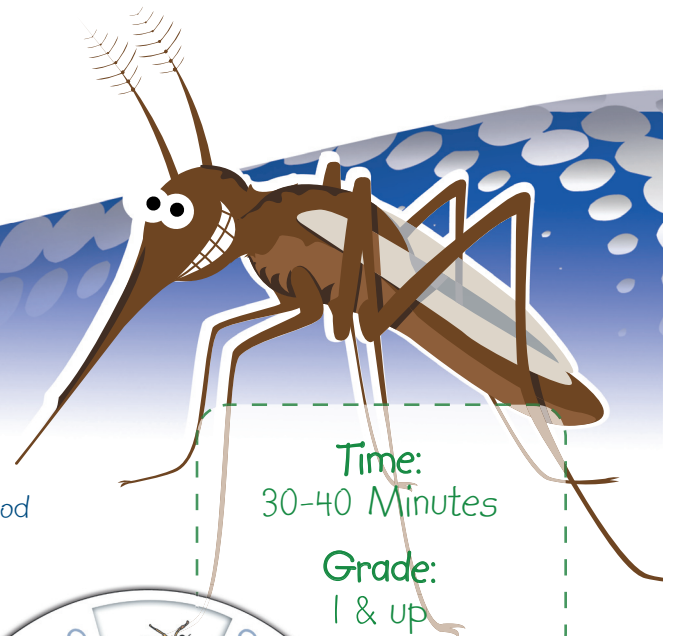
Materials

1. student pages printed on vellum paper
2. brass fasteners
3. crayons or markers
4. scissors

(Sample Finished Product)

Content

Many animals feed on mosquitoes at the larval, pupal and adult stages. As larvae and pupae, mosquitoes may be eaten by water beetles, dragonfly nymphs, ducks and many kinds of fish. As adults, mosquitoes may be eaten by dragonflies, frogs, toads, nighthawks, swallows, purple martins and many other animals. This interdependence of mosquitoes with other organisms in the environment is very important. Mosquito control personnel recognize the value of this interdependence and utilize biological control agents to control mosquitoes whenever possible. For instance, fish populations in larger ditches, ponds or lakes will naturally prey on mosquito larvae. Rarely do larval populations increase to the level where mosquito control would become necessary in these permanent bodies of water. Exceptions may occur in heavily vegetated areas where the fish can't get through to the larvae or during times when areas become so wet that there are not enough predators to control mosquito populations.



Time:
30-40 Minutes

Grade:
1 & up



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Procedure

1. Print the two pages for the wheel for each child on vellum paper.
2. Cut out the mosquito wheel along the dotted line.
3. Cut out the window along the dotted line.
4. Fasten the wheel to the full page with a brass fastener exactly in the center.
5. Spin your wheel to see and show animals that feed on adult and larval mosquitoes.

Sunshine State Standards

Standard: SC.F.1.2 The student describes patterns of structure and function of living things.

Benchmark: SC.F.1.2.3 The student knows that living things are different but share similar structures.

Standard: SC.G.1.2 The student understands the competitive, interdependent, cyclic nature of living things in the environment.

Benchmark: SC.G.1.2.2 The student knows that living things compete in a climatic region with other living things and that structural adaptations make them fit for an environment.

Benchmark: SC.G.1.2.5 The student knows that animals eat plants or other animals to acquire the energy they need for survival.



Aquatic Systems
Mosquito Education Program

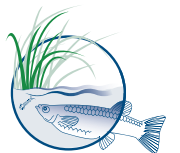
Who Eats Who?

Wheel Page

Who Eats Who?

Cut
Here

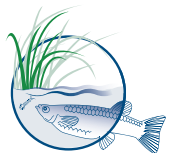
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Who Eats Who?

Name _____



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