

# Food Chain

## Project & Assembly Directions

### Objective

Students will learn what a food chain is and how the parts of the chain are interdependent. They will create a mosquito related food chain.

Time:  
30-40 Minutes

Grade:  
3 & up

### Materials

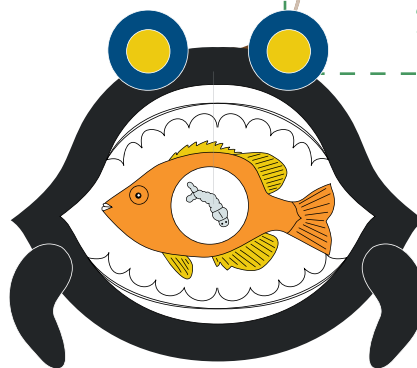
1. White Card Stock Paper (3 sheets per student)
2. Crayons, colored pencils, or markers
3. Fishing line (18 inches per student)
4. Glue (preferably hot glue or craft glue)

### Content

All living things depend on each other for food. A food chain shows how each living thing gets its food. Many animals get their food from plants, while other animals get their food from other animals. If one plant or animal's source of food disappears many other plants or animals in the food chain are impacted.

### Procedure

1. Copy the patterns onto white card stock paper for each student.
2. Find the large mouth labeled "A." Color the mouth on both sides. Cut the outer edge of the mouth, then cut out the mouth opening marked "Cut Here."
3. Find the four large circles labeled "B." Color the large circles and cut them out.
4. Find the four small circles labeled "C." Color the small circles and cut them out.
5. Find the four fish fins labeled "D." Color the fins and cut them out.
6. Find the small fish labeled "E." Color the fish. Cut out the fish along the outer edge. Cut out the center circle of the fish labeled "Cut Here."
7. Find the small larva labeled "F." Color the larva. Cut out the larva along the outer edge.



(Sample Finished Product)



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8. Glue the small circle in the center of each large eye circle.
9. Glue the two big circles on the top of the mouth where the dotted lines are located.
10. Turn the mouth over to the backside. Glue the other two eyes to the top of the mouth so that they line up with the eyes on the other side.
11. Turn the fish mouth over to the front side.
12. Glue two of the fins to the bottom of the mouth where the dotted lines are located.
13. Turn the mouth over to the back side. Glue the other two fins to the bottom of the mouth so that they line up with the fins on the other side.
14. Place the small fish into the center of the mouth of the large fish.
15. Place the larva into the center circle of the small fish.
16. Lay your piece of fishing line vertically on top of your food chain so that it touches all three pieces with the excess of the line at the top of the large mouth.
17. Place dabs of glue to hold the fishing line in place on all three pieces.
18. Let glue dry thoroughly.
19. Hang your food chain from the ceiling!

## 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

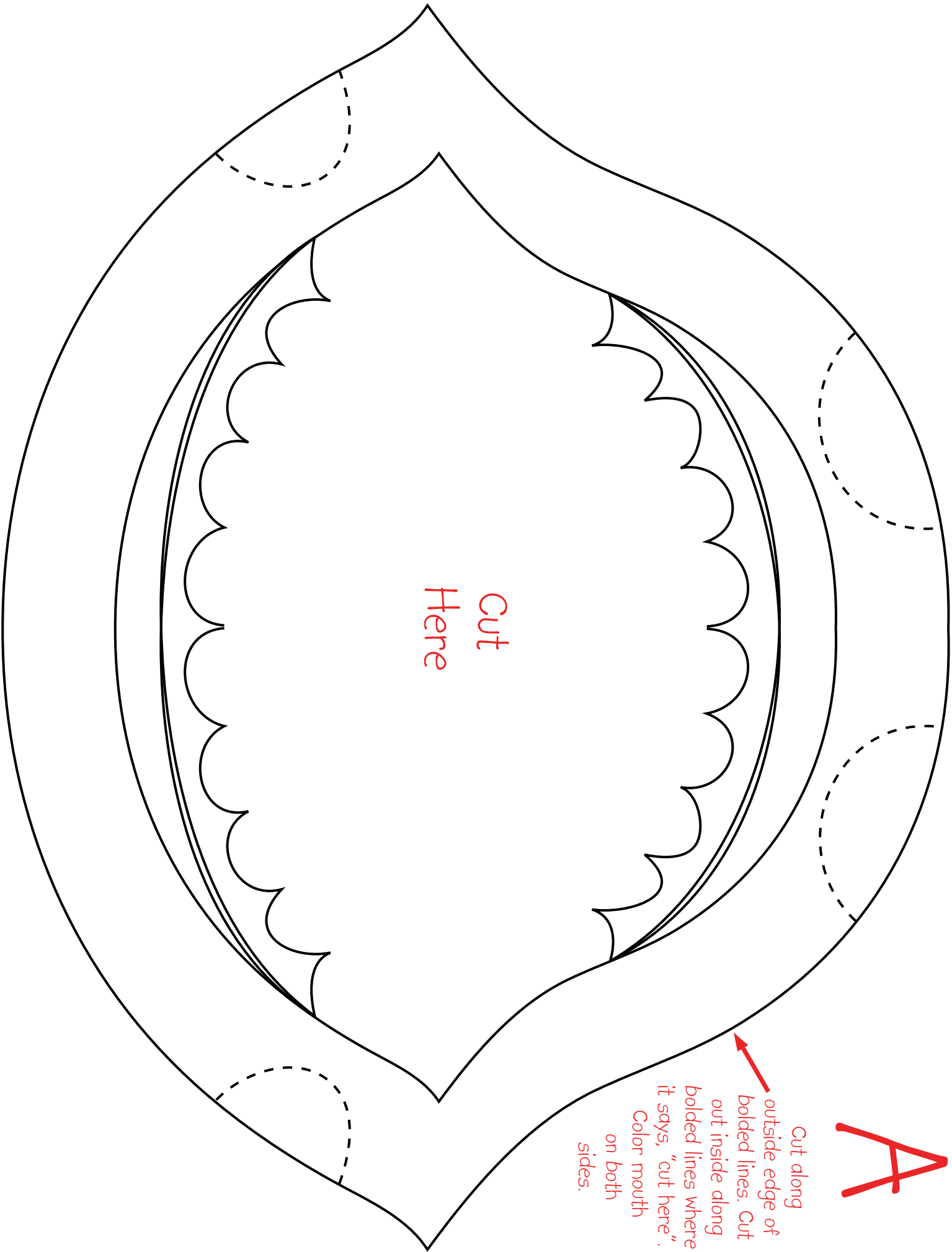
**Standard: SC.G.1.2** The student understands the competitive, interdependent, cyclic nature of living things in the environment.

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

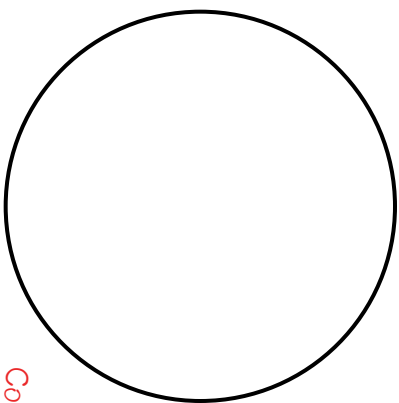


Cut  
Here

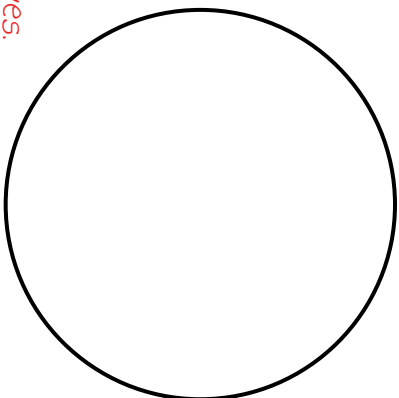
Cut along  
outside edge of  
bolded lines. Cut  
out inside along  
bolded lines where  
it says, "cut here".  
Color mouth  
on both  
sides.

A

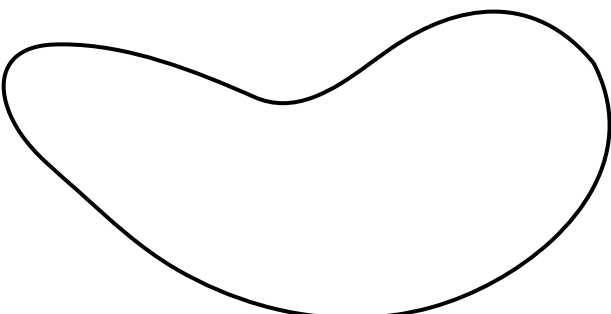
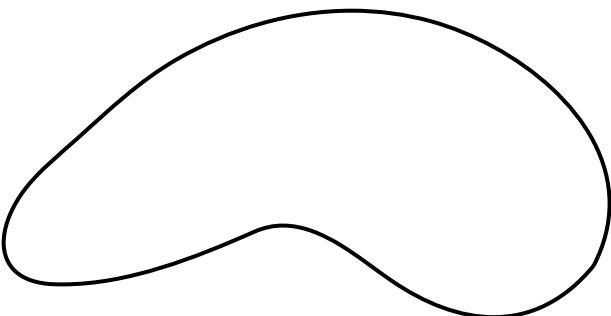
B



Color eyes.  
Cut along  
bolded lines.

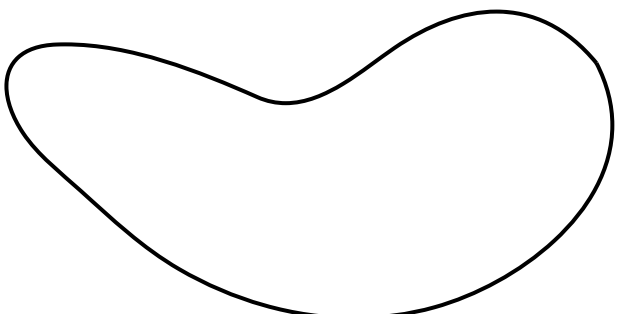
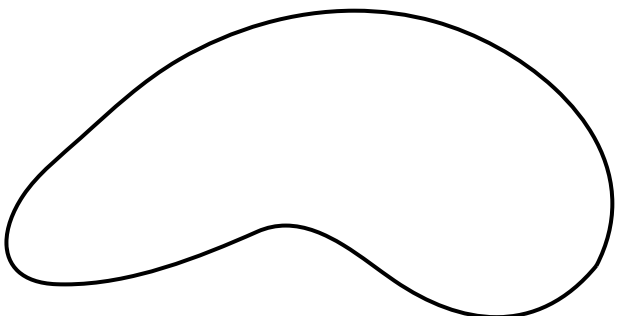
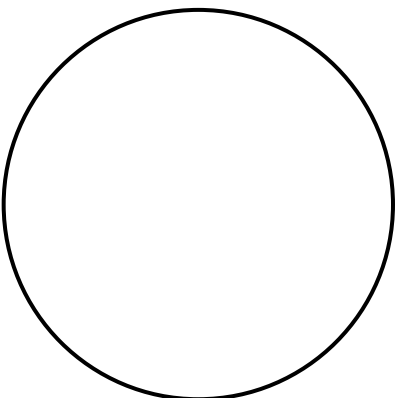
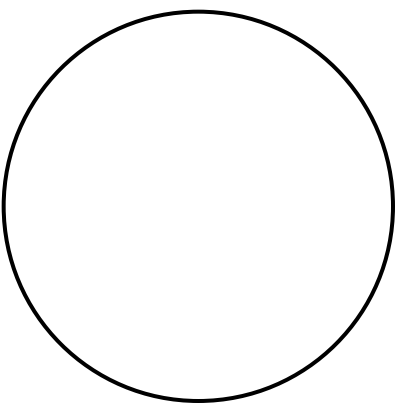


D

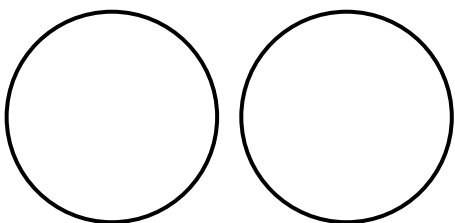
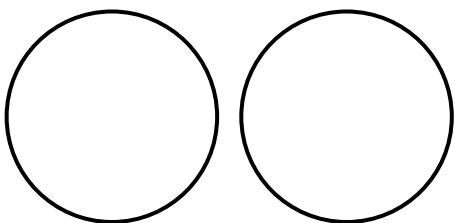


Color fins.  
Cut along  
bolded lines.

C

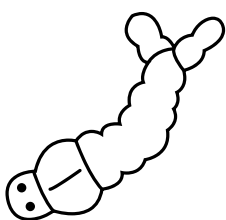
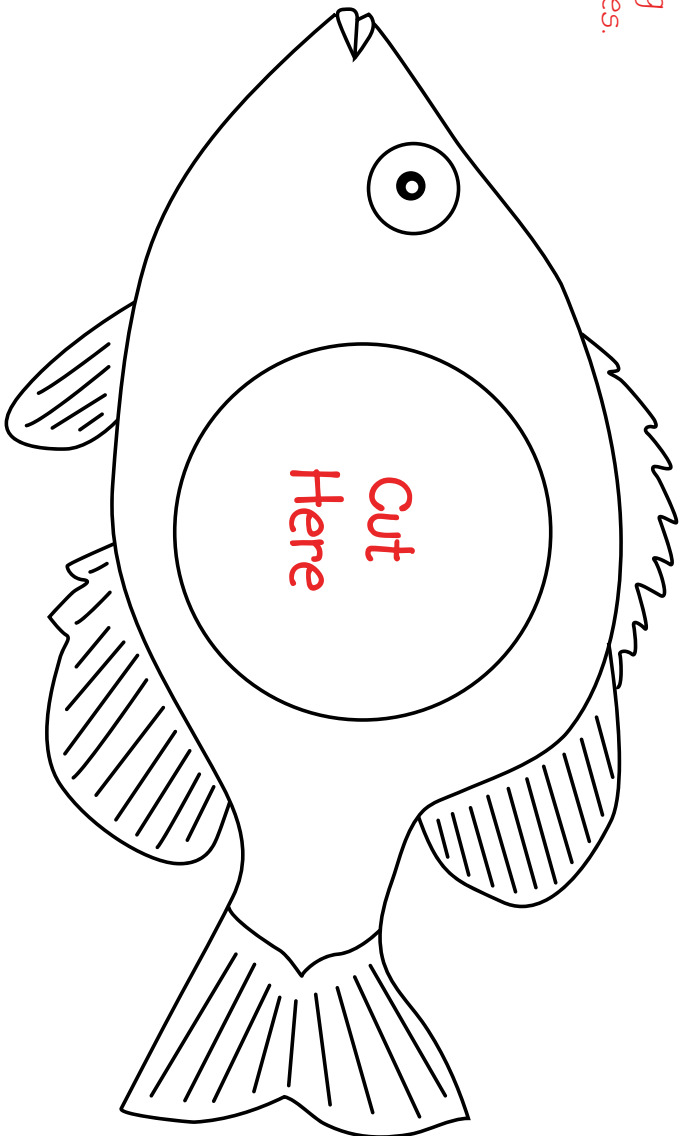


Color circles.  
Cut along  
bolded lines.



E

Color the fish.  
Cut along  
bolded lines.



F

Color the  
larva.