

# Fish Iowa Unit

## Day 1

### Teaching Objective

At the end of class, all students will be able to identify the characteristics of a fish and identify a fish by looking at sample pictures. Students will also know how to tie a hook on the line correctly using different knots.

### Reference Unit/Materials

*Fish Iowa!* Unit #3 (pg. 42-43)

*Fish Iowa!* Unit #2 (pg. 25-33)

### Materials needed

String that is precut to 36"

Volleyball standards with eye hooks

*Fish Iowa!* cards for identifying fish

### Description of Activities

Explain what *Fish Iowa!* is and what we hope to accomplish by the end of the unit.

1. Use pages 25-33 to talk about the different types of fish families and how to identify them.
2. Use the *Fish Iowa!* cards to play go fish and do peer assessment.
3. Demonstrate the improved clinch knot and palomar knot for the students.
4. Have the students partner up and practice tying these knots with the string and eye hooks.
5. If time is allowed we will demonstrate casting.

## Day 2

### Teaching Objective

At the end of class, all students will know about fishing ethics and regulations. Students will also know the parts of a fishing rod and how to care for and maintain it. Students will practice proper casting techniques.

### Reference Unit/Materials

Quick fishing facts yellow sheet

Iowa fishing regulations

*Fish Iowa!* Unit #3 (pg. 41-42)

*Fish Iowa!* Unit #3 (pg. 44-45, 48)

*Fish Iowa!* Unit#2 Review sheet (pg. 37)

### Materials Needed

2 piece rod and reels

Quick fishing facts sheet for everyone

### Description of Activities

1. Hand out the quick fishing facts yellow sheet to everyone and talk about many aspects.
2. Discuss who needs a license, where to get a license, where they can go fishing, catching fish, hooking fish, keeping fish, and transporting fish.
3. Talk about the rod, reel, line, and parts that make up a fishing pole using the pole as an example and pages 41-42 of the *Fish Iowa!* book.

4. Demonstrate how to care for and maintain the pole while the students are practicing on their pole.
5. Discuss and model casting procedures and the do's and don'ts using pg. 44-45 and 48 of the *Fish Iowa!* book. The students will stand in a line and practice casting with no targets.
6. At the end of class students will take *Review Sheet 2-2* which covers the differences in fish.

## **Day 3**

### **Teaching Objective**

At the end of class, all students will have practiced target casting. The students will also understand the different types of lures and be able to bait a hook. Students will also understand the catch and release method so that the fish is not injured or killed when removing a hook. Students will also understand keeping the catch even though we will only be practicing catch and release.

### **Reference Unit/Materials**

*Fish Iowa!* Unit #4 (pg. 57-60)

*Fish Iowa!* Unit #5 (pg. 67-68)

### **Materials Needed**

Hula Hoops

Fake Fish

Lids/Targets

Gummy worms

Lure examples

Rods and Reels

### **Description of Activities**

1. All students will get into groups and practice casting at targets.
2. Students will get pre-made score sheets and track their progress.
3. Show examples of the different types of lures and talk about the different fish they would catch.
4. Have the students practice baiting their hooks with gummy worms.
5. Discuss the catch and release method and how to take fish off the hook so they are not injured.
6. We will talk about keeping the catch even though they will be practicing catch and release in class.

## **Day 4**

### **Teaching Objective**

Students will experience a positive/fun hands on activity that can be used throughout their lifetime.

### **Reference Unit/Materials**

Clinton County Conservation 2308 255<sup>th</sup> St. Grand Mound, IA

563-847-7202

### **Materials Needed**

First Aid Kit

Tackle Box

Rods and Reels

Worms for Bait

Hooks

Bus for Transportation

### **Description of activities**

1. Students will be transported to the pond and participate in fishing.
2. Everyone will be able to get a better understanding fishing, a lifetime outdoor activity.

### **Day 5**

#### **Teaching Objective**

Students will experience a positive/fun hands on activity that can be used throughout their lifetime.

#### **Referene Unit/Materials**

Clinton County Conservation 2308 255<sup>th</sup> St. Grand Mound, IA  
563-847-7202

#### **Materials Needed**

First Aid Kit  
Tackle Box  
Rods and Reels  
Worms for Bait  
Hooks  
Bus for Transportation

### **Description of activities**

1. Students will be transported to the pond and participate in fishing. Everyone will be able to get a better understanding fishing, a lifetime outdoor activity.
2. At the end of each quarter students take a test over the units covered that quarter.

# Casting Target Score Card

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Round 1 (20 ft.)

Cast 1\_\_\_

Cast 2\_\_\_

Cast 3\_\_\_

Cast 4\_\_\_

Cast 5\_\_\_

## Round 2 (30ft.)

Cast 1\_\_\_

Cast 2\_\_\_

Cast 3\_\_\_

Cast 4\_\_\_

Cast 5\_\_\_

## Round 3 (40ft.)

Cast 1\_\_\_

Cast 2\_\_\_

Cast 3\_\_\_

Cast 4\_\_\_

Cast 5\_\_\_

## Fishing Test Questions

At what age is a fishing license required by state law?

- a. 15
- b. 16
- c. 18
- d. 21

What is the minimum length to keep a bass at Lake Malone?

- a. 10 in.
- b. 12 in.
- b. 15 in.
- d. 16 in.

What is the maximum number of poles one person can be fishing with?

- a. 1
- b. 2
- c. 3
- d. 4

There are bag limits on the number of fish that you can catch?

- a. True
- b. False

A fishing license is good forever?

- a. True
- b. False

When I have a fishing license I can fish wherever I want?

- a. True
- b. False

You must keep at least 3 square inches of skin so an officer can tell what kind of fish you have while you are fishing?

- a. True
- b. False