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.

**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 255th 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 255th 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