

Fish Iowa! Unit Outline

Unit Objectives

1. Become familiar with Iowa's aquatic resources including habitat types found in those waters and their importance.
2. Understand basic fishing regulations and individual angler responsibilities.
3. Understand fishing safety.
4. Identify parts of fish anatomy and their functions.
5. Identify common fishes of Iowa.
6. Identify and operate spincasting rods and reels.
7. Identify terminal tackle and its uses
8. Correctly tie basic fishing knots.
9. Accurately cast a fishing rod.
10. Identify types of baits and lures used to catch fish and the situations where they are used.
11. Correctly land a fish.
12. Correctly release a fish into the water.
13. Correctly clean fish and prepare them for the table.

References/Materials Needed:

Handout 1-1: Iowa's Waters

Copies of current Iowa fishing regulations

YouTube fishing videos

Knots Handout

Fish ID handouts

Fish ID PowerPoint

Copies of Unit 1, pages 1-12

Review Sheets 1-1, 1-2, 1-3, 1-4

Copies of Unit 2, pages 23-31

Review Sheets 2-1, 2-2

Handout 2-1: Iowa Fish Families

Fish ID Card Game

Fish Anatomy Poster

Fish Group Posters

Rods & reels

Casting plugs

Fish Iowa DVD

Knot tying boards and rope

Copies of Unit 3, pages 41-45

Monofilament line, hooks, casting targets

Review Sheet 3-1

Copies of Unit 4, pages 55-60

Review Sheets 4-1, 4-2

Copies of Unit 5, pages 67-74

Final Exam

In-Fisherman videos

Day 1

- A. Pass out unit 1 copies, handouts, and fishing regulations.
- B. Read and discuss the material.
- C. Have them complete the review sheets.

Day 2

- A. Turn in unit 1 review sheets.
- B. Pass out unit 2 copies and discuss fish anatomy and fish ID.
- C. Use Fish ID powerpoint also.
- D. Have them complete the review sheets.

Day 3

- A. Turn in unit 2 review sheets.
- B. Review Fish ID using handouts, Fish ID Card game, dvd, and powerpoint.

Day 4

- A. Take Fish ID test on Quia.
- B. Pass out unit 3 copies, and knot tying handout. Read and discuss.
- C. Have them complete review sheet.

Day 5

- A. Turn in unit 3 review sheet.
- B. Practice tying knots and then go over spincasting rods and reels.

Day 6

- A. Go outside to practice casting. Use targets.
- B. Observe to see they are using proper technique.
- C. Play F-I-S-H if they are getting it down well.

Day 7

- A. Pass out copies of unit 4. Read and discuss.
- B. Have students bring in their tackle boxes to investigate types of tackle.
- C. Have them complete review sheets.

Day 8

- A. Pass out copies of unit 5. Read and discuss.
- B. Review for final exam.

Day 9

- A. Review for final exam.

Day 10

- A. Take final exam that I have transferred over to Quia.

Day 11

- A. Go fishing at Rock Creek State Park.
- B. While there they can practice casting, fish ID, landing a fish, releasing a fish, and cleaning fish.

Day 12

- A. Cook fish that were caught on the trip.
- B. Review tests, and watch fishing videos.