

Fish Iowa! Unit

Day 1

Teaching Objective

Students will be introduced to Fish Iowa and what we will be covering in P.E. the next five days. Students will be able to demonstrate how to correctly tie two knots. The two knots will be the Palomar Knot and the Improved Clinch Knot.

Reference Materials

Fish Iowa! Unit 3-How to tie Palomar and Improved Clinch Knot, page 43
Fish Iowa! Appendix B, Giant Hooks, page 81

Materials Needed

Giant Hooks
Pieces of Nylon Rope
Knot Tying, page 43
Pliers
Permission Slip/Emergency Contact Information

Description of Activities

- I. The teacher or student will demonstrate how to tie the two knots, Palomar and Improved Clinch Knot.
 - a. Students will work with another student while practicing the two knots. Students provide each other feedback as they practice the knots.
 - b. After practicing tying the knots students will switch partners and will peer teach their partner on the steps of how to tie one of the two knots. Students provide each other feedback as they tie their knots. Students having prior (correct) knowledge can help others that may need help.
- II. Hand out Permission slip/Emergency Contact Information and let students know they must be turned in by before or during 4th day of the unit.

Day 2

Teaching Objective

Students will demonstrate the correct form while using the Overhand casting technique when using a Spincast Reel.

Reference Materials

Fish Iowa! Unit 3-Spincasting, page 44
Fish Iowa! Unit 3-Do's and Don'ts, page 45
Fish Iowa! Unit 3-Target Casting, page 48

Materials Needed

Spin Cast Rods Reels and Plugs
Hoola-Hoops

Description of Activities

- I. Talk about the importance of safety, Do's and Don'ts of Overhand Spincasting along with proper technique.
 - a. Students practice casting from a pre determined spot outside on the football field.
 - b. Students practice casting from a casting line that is only five yards away from them.

- c. After students have been practicing for a few minutes students start to work on Target Casting. A Hoola-Hoop is set 15 yards away. Students pair up with a partner and only one person goes at a time. The first person casting gets 10 attempts. For each time the person hits the edge of the Hoola-Hoop or inside of it they are awarded one point. The person not going stands off to the side while observing their partner's 10 attempts. After their partner is done they switch spots and it then it is the other partner's turn to try to hit the target as many times as they can while using their 10 attempts.
- II. Remind students to hand in their permission slip.

Day 3

Teaching Objective

Students will become familiar with basic fishing regulations, safety concerns and what to wear along with becoming aware of ethical behaviors one should follow when fishing.

Reference Materials

Fish Iowa! Unit 1-Iowa Fishing Regulations, pages 7-8 (one copy per person)

Fish Iowa! Unit 1-Ethics, page 9

Fish Iowa! Unit 1-Safety/First-Aid, pages 10-11

Fish Iowa! Unit 1-Dressing for the Out Doors, page 12

Fish Iowa! Unit 1-Review Sheet 1-3, page 18

Fish Iowa! Unit 1-Review Sheet 1-4, page 19

Materials Needed

Review Sheet 1-3

Review Sheet 1-4

Description of Activities

- I. Teacher covers the regulations, safety concerns, appropriate attire and the ethical behaviors to be aware of while fishing.
- II. Students are asked to share fishing stories on possible mishaps they have experienced or have witnessed while fishing.
- III. Students fill out the review sheet while discussing regulations, safety and ethical behaviors.
- IV. Remind students to hand in their permission slip.

Day 4

Teaching Objective

Students will become familiar with the general external characteristics of fish to help identify the different type of species of fish found in Iowa.

Reference Materials

Fish Iowa! Unit 2 General Characteristics and different fish families, pages 21-31

Fish Iowa! Unit 2 Review Sheet 2-2, page 36

Materials Needed

Iowa DNR Anatomy Poster

Iowa DNR Fish Group Identification Posters (8)

Review Sheet 2-2

Fish Iowa CD

Description of Activities

- I. Students watch Fish Iowa CD.

- II. Teacher will lead discussion on the external characteristics of a fish using the fish anatomy poster.
 - a. Teacher will use the eight posters showing the different types of fish that are commonly found in Iowa.
 - b. The teacher will also show how to point out the differences of specific fish in each family that can be found in Iowa.
 - c. Students will work on review sheet 2-2 during the video, and teacher led instruction.
- III. Remind students that they have their permission slip turned in by the end of the day to be able to go fishing the next day we meet.

Day 5

Teaching Objective

It is time to go and have some fun fishing. Student will abide by the rules, regulations, safety procedures, and follow good etiquette behavior while fishing. Students will join in a two hour adventure while fishing with their classmates and friends. The objective is to provide the kids with an enjoyable and positive experience while fishing the great outdoors so they could possibly become anglers for life.

Reference Materials

Fish Iowa! Tips for Conducting a Fishing Field Trip Appendix K, pages 107-108

Materials Needed

Permission Slips/Emergency Contact Information

Rods, Reels, and Terminal Tackle

Tackle Box

Bait

First Aid Kit

Spray on Sun Screen

Drinks (water)

Description of Activities

- I. All poles will be placed in location on docks with all terminal tackle in place.
 - a. Review basic safety procedures and etiquette.
 - b. Teacher will demonstration how to place bait on the hook, how to hold and remove a fish and the correct way to release a fish.
 - c. Students identified before going fishing that can help others in case they need help when catching a fish.
 - d. There will be extra rods with terminal tackle in place in case problems with rods and reels should arise.
- II. Students will be transported by bus to Sea Wall in Clear Lake.
 - a. All students will demonstrate their fishing skills and hopefully have a great time with their friends and classmates while enjoying a great outdoor activity.
 - b. Hopefully they will be hooked on fishing for life!