

# 4-H

## Fishing Proficiency Program

### A Member's Guide

#### OVERVIEW

The 4-H Fishing Proficiency program helps you learn what you need to know about your 4-H project.

There are many resources to help you learn more about your project:

- The University of California Davis has free resources available online by visiting: <http://anrcatalog.ucdavis.edu/4HYouthDevelopment/> This site lists a variety of project materials and resources recommended for use in your project.
- The Tehama County 4-H Resources and Lending Library at our county 4-H Office includes other books, videos, and reference materials that can be checked out by members and leaders.
- Stores that sell fishing supplies may offer classes and other educational activities as well as equipment. Many communities have local fishing clubs that can be a great resource to you.

There are five levels in the Project Proficiency Program. You may choose how many levels you wish to complete:

- ◆ Level I – “Explorer”, you begin to learn about many different aspects of your fishing project.
- ◆ Level II – “Producer”, you practice and refine the many skills involved in fishing.
- ◆ Level III – “Consumer”, you become experienced in fishing.
- ◆ Level IV – “Leader”, allows you to show your own leadership potential.
- ◆ Level V – “Researcher”, you carry out a demonstration or experiment on some aspect of fishing.

As you work through the proficiency program, your leader will date each skill item as you complete it. When all items in a proficiency level are completed, your leader will sign the Certificate of Achievement.

## FISHING Level I - Explorer

Date \_\_\_\_\_  
Completed \_\_\_\_\_

1. Explain these terms:  
\_\_\_\_\_
  - Bait
  - Bobber
  - Lure
  - Casting
  - Creel
  - Rigging
  - Drag
  - Habitat
2. Name at least five items you would put in a small survival kit for fishing.  
\_\_\_\_\_
3. Explain the difference between two pieces of equipment or materials used in your project.  
\_\_\_\_\_
4. Name at least ten basic items you would take on a fishing trip.  
\_\_\_\_\_
5. Prepare a basic tackle box.  
\_\_\_\_\_
6. List five common courtesies or outdoor manners expected during fishing activities.  
\_\_\_\_\_
7. Demonstrate how to bait a hook.  
\_\_\_\_\_
8. Demonstrate safe use of at least three fishing equipment items such as a fish hook, knife, etc.  
\_\_\_\_\_
9. Make a craft item related to your fishing project (fish print, powder painted jig, plastic worms, fly wallet, etc.)  
\_\_\_\_\_
10. Name at least five different kinds of natural baits and where you would find them.  
\_\_\_\_\_
11. Explain three different ways to cook fish.  
\_\_\_\_\_
12. Identify at least three different species of fish and describe their water type, average size, baits that would be used to catch them, etc.  
\_\_\_\_\_
13. Describe how to properly care for fishing rods and reels.  
\_\_\_\_\_
14. List the items needed in a basic first aid kit.  
\_\_\_\_\_
15. Name five types of fish found in northern California and list where they are found.  
\_\_\_\_\_
16. Name a fish you could catch with a fly.  
\_\_\_\_\_
17. At what age must you buy a fishing license in California?  
\_\_\_\_\_
18. What would you do if someone was stuck by a hook?  
\_\_\_\_\_

Member Name: \_\_\_\_\_ Date: \_\_\_\_\_

Project Leader's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## FISHING

### Level II - Producer

Date \_\_\_\_\_  
Completed \_\_\_\_\_

- \_\_\_\_\_ 1. Explain how to care for the fish that you catch until you are ready to cook them.
- \_\_\_\_\_ 2. Participate in one field trip to a materials or equipment provider.
- \_\_\_\_\_ 3. Draw a simple map that could be used by another person for directions on an outing.
- \_\_\_\_\_ 4. Demonstrate how to use a compass and a map to find your way from one point to another.
- \_\_\_\_\_ 5. Demonstrate how to tie five different fishing hooks and tell how each should be used.
- \_\_\_\_\_ 6. Identify three locations where materials can be obtained or purchased.
- \_\_\_\_\_ 7. Make a prepared bait to use on a fishing trip.
- \_\_\_\_\_ 8. Display something about your project at least once outside your project meeting.
- \_\_\_\_\_ 9. Participate in a fishing trip and plan at least one part of it, such as the equipment you need to bring, transportation, list the kinds of fish found in the waters selected, a meal for the group, etc.
- \_\_\_\_\_ 10. Experiment with two different baits, then tell which you prefer and why.
- \_\_\_\_\_ 11. Help someone else by sharing your knowledge or by participating in an activity that has to do with preserving the outdoors in a pristine state, or restoration of a wildlife area.
- \_\_\_\_\_ 12. Keep a record of cash expenses and at the end of the year compare your product(s) value to your expenses. Could you have purchased the item(s) for less?
- \_\_\_\_\_ 13. Describe how different bodies of water vary in temperature and how this affects the kind of fish that will be found.
- \_\_\_\_\_ 14. Describe fish senses (sight, smell, taste, and hearing/sounds) and how this information will help you catch more fish.
- \_\_\_\_\_ 15. Give three boating safety rules.
- \_\_\_\_\_ 16. Demonstrate how to make a slip knot.

Member Name: \_\_\_\_\_ Date: \_\_\_\_\_

Project Leader's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# FISHING

## Level III - Consumer

Date  
Completed

1. Invite a guest speaker to one of your project meetings and introduce them to your group.  
\_\_\_\_\_
2. Contact a local, state or national association related to fishing and explain to your project group what this association has to offer to its members and interested individuals.  
\_\_\_\_\_
3. Keep a personal reference library of literature that will be helpful in your project.  
\_\_\_\_\_
4. Take part in a demonstration or judging contest specific to your project.  
\_\_\_\_\_
5. Report the history of one aspect (origin, equipment, materials, techniques, etc.) of fishing to your group.  
\_\_\_\_\_
6. Visit an expert in the field of fishing and report what you learned at the project meeting.  
\_\_\_\_\_
7. Design an item or piece of equipment that could be used in a fishing activity. Come up with a product name and convince your project group of the usefulness of this product.  
\_\_\_\_\_
8. Describe four ways to save money and be economical in obtaining materials.  
\_\_\_\_\_
9. Compare and contrast fresh water and salt water fishing using the following factors:  
\_\_\_\_\_
  - Budget                      • Transportation                      • Time
  - Terrain                      • Scenery                      • Equipment needed                      • Weather
10. Create a list of ten or more practical rules for successfully catching fish and find a way to share them with your group.  
\_\_\_\_\_
11. Alone or with your group, plan and complete a community service activity related to fishing.  
\_\_\_\_\_
12. Give a demonstration about your project.  
\_\_\_\_\_
13. Participate in at least three different fishing activities with your family or project group.  
\_\_\_\_\_
14. Bass like what type of water?  
\_\_\_\_\_
15. Catfish like what type of water?  
\_\_\_\_\_
16. Trout like what type of water?  
\_\_\_\_\_

Member Name: \_\_\_\_\_ Date: \_\_\_\_\_

Project Leader's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## FISHING

### Level IV - Leader

Date \_\_\_\_\_  
Completed \_\_\_\_\_

- \_\_\_\_\_ 1. Serve as Junior or Teen leader in this project for one year.
- \_\_\_\_\_ 2. Prepare teaching materials for use at project meetings.
- \_\_\_\_\_ 3. Assist younger members in designing, selecting, or constructing something for your project.
- \_\_\_\_\_ 4. Develop and put on a judging event or train a junior team for a judging event.
- \_\_\_\_\_ 5. Speak on a project-related subject before an organization other than your 4-H group.
- \_\_\_\_\_ 6. Assist a leader/adult in a fishing activity, organizing the group so that the chores/tasks are evenly distributed among the members.
- \_\_\_\_\_ 7. Assist younger members in actually learning a specific topic in the project.
- \_\_\_\_\_ 8. Alone or with your group, select a fishing topic you would like to know more about, research this topic, and share information with others in two of the following ways: bulletin board display, written pamphlet, news article, club/group discussion, judging kit, poster, radio spot.
- \_\_\_\_\_ 9. Develop your own special project-related event. Create a plan, chart progress, analyze successes and/or problems and report results.

Member Name: \_\_\_\_\_ Date: \_\_\_\_\_

Project Leader's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## FISHING

### Level V - Researcher

Date  
Completed

- \_\_\_\_\_ 1. Report on the results of a demonstration comparing measurable differences in some aspect of your project. (experiment)
- \_\_\_\_\_ 1. Prepare a paper of 300 words or give a 15 minute oral report on one of the following topics:
- Evolution of techniques used in fishing
  - History of specific topic related to fishing
  - Markets and methods of marketing fishing products
  - Development of equipment used in your project
  - Cultural influences in a specific topic related to fishing
  - Ecology of a specific geographic area, terrain, locale, etc.
  - Other

Member Name: \_\_\_\_\_ Date: \_\_\_\_\_

Project Leader's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# Certificate of Achievement

*This certifies that*

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*has completed the Fishing Proficiency  
in Tehama County.*

*Explorer*

*Producer*

*Consumer*

*Leader*

*Researcher*

\_\_\_\_\_  
*Date*

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