

## **AQUATIC SCIENCE- County Only Project**

There will be no State Fair exhibits for this project.

A completed record sheet signed by your 4-H leader **must** be presented, along with your exhibit, at project check-in at the fair.

### **General Rules**

1. Fish are to be exhibited in a bowl or aquarium with at least one flat side. Be sure there is a sufficient amount of water in bowl. Bowl or aquarium must be covered with nylon net or other suitable cover to keep fish from jumping out, but allow air in.
2. Fish are to be exhibited in a simple, natural environment. This may consist of gravel and some sort of plant that doesn't hide the fish. (This is slightly different than instructions in manual.) A simple environment does not include artificial toys, water wheels, etc.
3. Exhibitor is to provide a solid color background for bowl. Use a color that shows off fish well. Examples of background materials are construction paper, colored foil or colored poster board.
4. Air bubbles in the bowl may be removed by gently stirring water.
5. Manual is not required as part of exhibit.
6. All Aquatic Science exhibits must be released after the judging.

### **Exhibit Requirements**

**Division 1:** Exhibit either (a) or (b) in an appropriate simple natural environment:

- a. a pair of fish which are not live bearers, or
- b. 3 live bearers

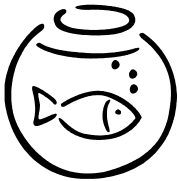
**Division 2:** Exhibit a pair of fish which are not live bearers, in an appropriate simple natural environment.

**Division 3:** Exhibit a pair of live bearers, with at least two of their offspring, in an appropriate simple natural environment.

**Division 4:** Exhibit a pair of fish which are not live bearers, with at least two of their offspring, in an appropriate simple natural environment.

**Advanced:** Select one of the following advanced programs as listed on pages 3 and 4 of the manual.

- a. Simple Breeding – Exhibit parents and selected young fish, and a notebook containing program plans, records, and results.
- b. Advanced Breeding – Exhibit selected young fish and a notebook containing program plans, records, and results.
- c. Feeding Experiment – Exhibit a notebook containing program plans, records, and results.
- d. Balanced Aquarium – Exhibit two fish of different species, a picture of your tank, and a notebook containing program plans, records, and results.
- e. Live Food Raising – Exhibit fish fed on live food, a sample of live food, and a notebook containing program plans, records, and results.



Manual: 4-H 447

Record Sheet: C4-H 447R

(Rev 12/10)