



F.I.S.H. ACTIVITIES FOR THE CLASSROOM

Fun, Interesting, Surprising, & Hands-On, these activities are all about **F.I.S.H.**

SUBJECTS AREAS:

Biology, Aquatic Science

Skills targeted:

Observation, Discussion, Exploration, Investigation

PLUS: [Downloadable Resources](#)

Fisheries Role in Conservation

Purpose:

- To identify a hatchery's role in conservation efforts.

Grades: High School

Subject Areas Targeted: Biology, Aquatic Science

Time:

Variable

Video: <https://www.youtube.com/watch?v=k3KXC754MMQ&t=3s>

Key Terms:

Fisheries Conservation – the efforts by Fisheries biologists to manage and protect fish populations and their habitats in public waters of Mississippi

Species of Concern – animal populations that, if not managed properly, will decrease and become threatened (A threatened status can lead to endangerment, and endangerment can lead to extinction.)

Triploid – describes cells with an extra set of chromosomes for a total of 69 chromosomes (Cells with the normal 23 sets of chromosomes, or 46 in all, are diploid. The hatchery raises a triploid, hybrid crappie, which cannot reproduce.)

Time for comments/discussion. Sample questions:

- What did you learn from the video that you did not know before?
- What was the most interesting part?
- If you could ask the biologists any questions, what would they be?



Further Investigation:

Purpose:

- To define fisheries biologists
- To identify six (6) tools used by fisheries biologists
- To explore four (4) fisheries facts

Information Provided: *(See Resource Link)*

- **Conservation Information**
- **Fisheries Facts**
- **Tools of the Trade**

Optional: *(See Resource Link)*

The *All About Freshwater Fish* book and/or the *Fish ID Guide* can be displayed on a whiteboard or other projection screen to review fish species and fish anatomy, before or after the activities.

Link to Resources: <https://www.mdwfp.com/nmfh/downloadable-virtual-resources/>





NORTH MISSISSIPPI FISH HATCHERY