FISH, FORM, FUNCTION

Brenda Capps, Laura Carlsen, Jami Hoyt, Amanda Ladish, Leah Mock
Introduction

A team from the Introduction to Education class at NWACC assisted in teaching 6th graders about the different functions and forms of several native fish.
Our Project

- We collaborated with Dr. Galloway’s Environmental Biology class in teaching the form and function of a diverse ecosystem of fish. We assisted in an activity where we answered questions regarding how the form and the shape of an automobile relates to the way a fish functions.

- We gave students a better understanding of the function and form of different kinds of fish within our local waterways.

- We also developed a fun fact activity book for the teacher to use as a class activity after the lesson was taught.
Mission

We encouraged the students' natural sense of inquiry within an outdoor exploration of a local aquatic habitat. In collaboration with Dr. Galloway, we utilized both high and low end technology to assist the 6th grade students in labeling and classifying local fish.
Course Content
Objectives

- Examine our philosophy about teaching and learning.

- Have a better understanding of self as a future teacher and a learner.

- Experience first hand interaction with learners in a real world setting.

- Being involved in a learning setting and what a teacher’s role is.
Methods

- Our group contacted Dean Galloway and made a plan to assist him with his fish project.

- We got together and brainstormed and decided that we would not only assist Dean Galloway with his project, but that we would also design an activity book that the 6th grade students could take with them and enjoy while remembering their amazing experience.
Methods con’t

• We constructed a six page, fun facts activity booklet that we gave to the teachers of the classes that attend the presentation.
Expected Outcome

That learners will develop a better understanding of the different forms and functions of many types of fish.
Results

- The students learned a great deal about the different functions a fish performs and how their form allows them to live in their environment.

- Students were also able to have hands on experience with many different types of fish and aquatic life from several of the local waterways.
Skills

• Teamwork
• Organization
• Communication
• How to assist in facilitating a learning lesson
• Technology
Technology

- Camera
- Internet
- Computer & Printer
- Copier
- Microsoft Word, PowerPoint & Facebook
- Cell Phone
- E-mail
Acknowledgements

- Dr. Regina Ryel-Thomason
- Dr. Marvin Galloway, Dean
- Steve Chyrchel, Interpretive Naturalist with Hobbs State Park-Conservation Area
- Dianne Phillips, EAST/EMPACTS Facilitator
- Mr. Mike Willard, Lab Coordinator
- NWACC