

Aquaculture in the Classroom

Carroll County Public Schools

Emily Fair



Classroom and Course

The “Classroom”



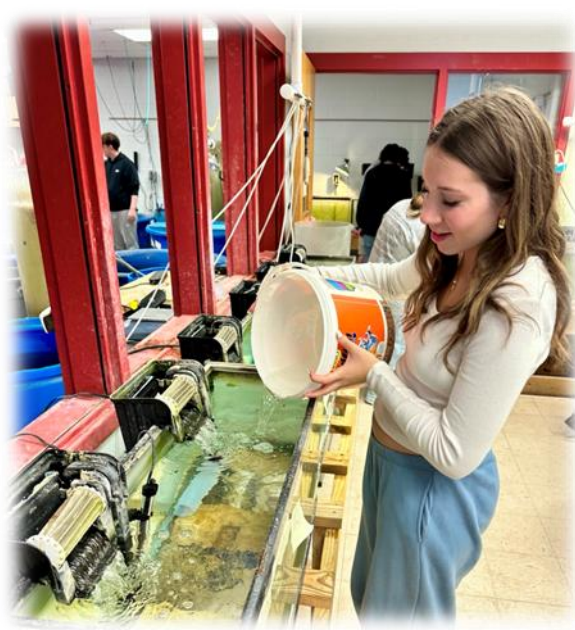


The Course: *Science Research*

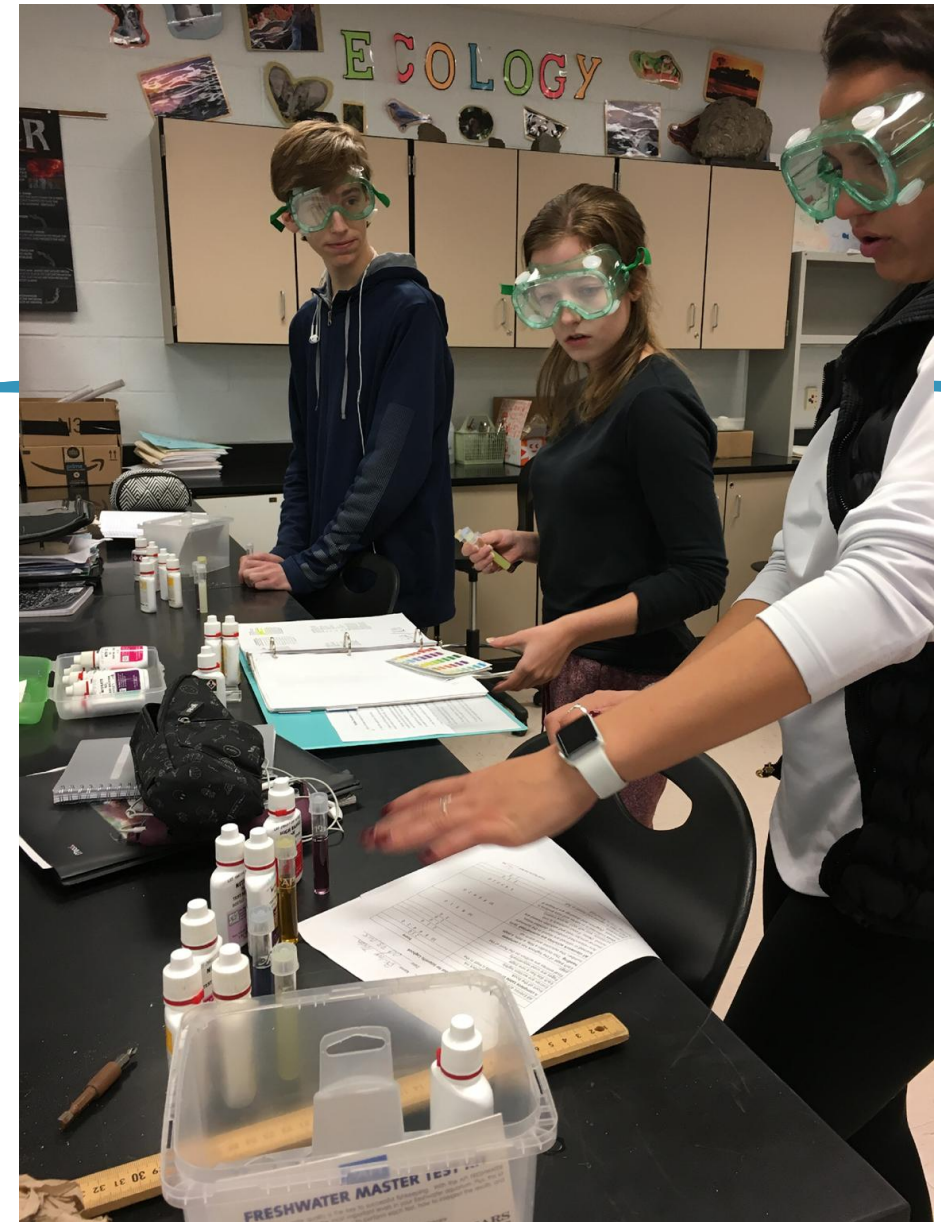
In this course, students will explore and model the fundamental skills and procedures of **scientific research**. Mini projects will guide the development of research processes and application of science content. Opportunities for **collaboration** with community partners, and between schools both on a local and global level drive **real life problem-solving** and **decision-making**. Students will **plan and carry out a main research project, collect and analyze data, and communicate their work** through the development of a research paper and presentation.

Course Components

Aquaculture



Water Chemistry



Aquaponics



Additional Course Components

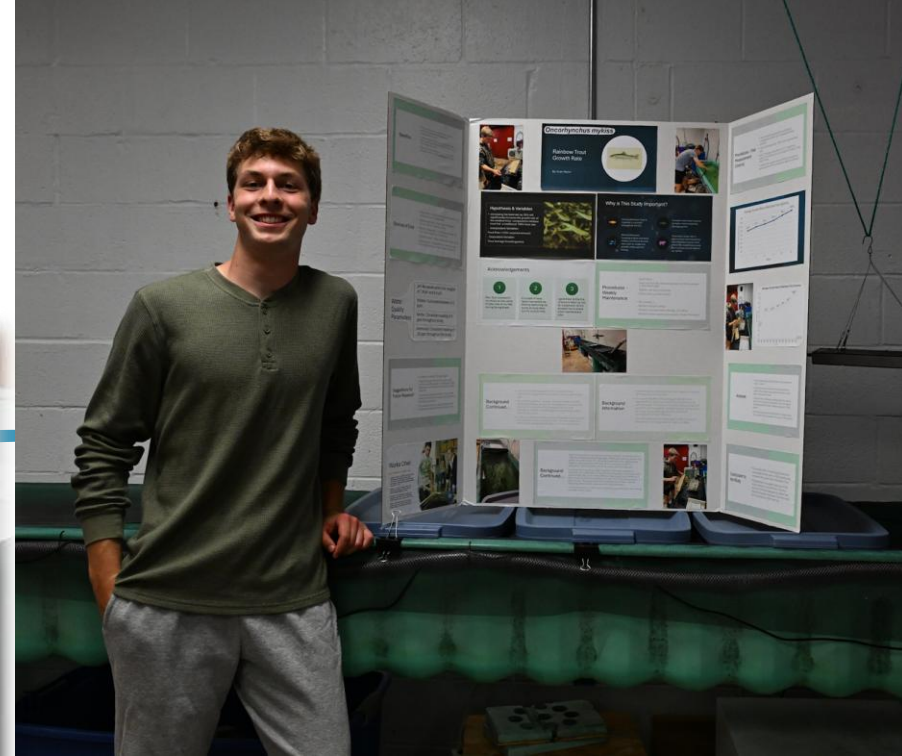
- Microplastics
- Biofilm Communities
- Spotted Salamander Protocol
- Horseshoe Crabs



Student Investigation / Research



Community Sharing



Beyond the Classroom



Participating Schools



- Century HS



- Francis Scott Key HS



- Liberty HS



- Manchester Valley HS



- South Carroll HS



- Westminster HS



- Winters Mill HS

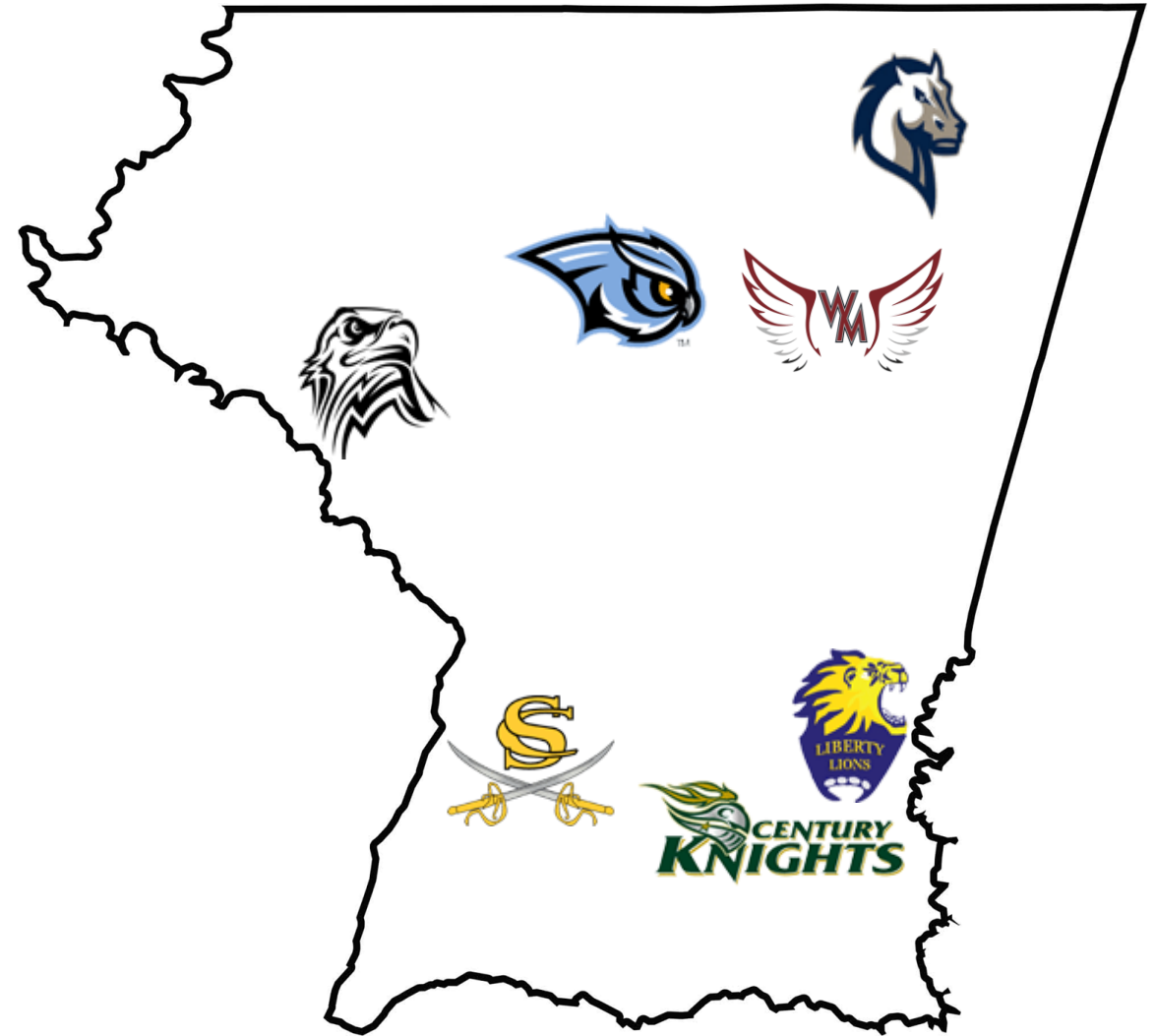


Image: <https://uscountymaps.com/carroll-county-map-maryland/#Blank-Map>

Keep a sense of humor.

