

Title: Aquatic Ecosystems in the Home: Creating and Maintaining a Home Aquarium					
Location: Local					
Instructor(s): Mr. McFaul					
Capacity: 25					
Eligibility: : All students					
Dates: : May 21 st -May 24 th , 2016, 7:30-2:05pm					
<p>Cost and Payment Information: \$400.00 - For students who would like their own aquarium Cost includes: the aquarium, all equipment, livestock of their choice within their budget and public zoo/aquarium fees. Students will take their aquarium and livestock home at the end of the week. The aquarium is 29gal. \$30.00 – For students who would like the experience, but do not want their own aquarium Cost Includes: public zoo/aquarium fees (students will have the same experience of setting up an aquarium but will use either use ICS equipment or partner with someone who will be setting up their own aquarium). Student can make their choice for either option once focus week lists have been posted</p>					
<p>Program Description and Location:</p> <p>As we explore the varieties of aquatic ecosystems both freshwater and saltwater, there exists a temptation to “bring it home”. During this focus week experience, students will have the opportunity to design, set-up and learn how to maintain an aquatic ecosystem of their choice. These aquariums will be biotope aquariums to mimic what would be found in nature. Students can choose freshwater or saltwater. During advisory, students will begin with research into different aquatic environments, specifically looking at water parameters, the physical environment and living organisms within a particular environment. Students will then design and plan their aquarium following a particular budget for the aquarium and supplies and livestock. Students will setup and maintain their ecosystem during the focus week. They will monitor water quality, learn how to introduce their livestock, learn livestock vital signs and how to address concerns. They will also learn the causes of disease and how to treat their livestock. Finally they will learn how to move their environment as they will be taking it home at the end of the week. In addition, we will also visit the Seattle Aquarium and the Point Defiance Aquarium to experience how these organizations maintain large display aquariums.</p>					
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