

1106-Q5-2607 **Sharareh Nikbakht*** (nikbakhts@appstate.edu), Department of Mathematical Sciences, ASU Box, 32092, Boone, NC 28608, and **Yelena Meadows** (meadowsy@faculty.uiu.edu), Bishop Walsh High School, Cumberland, MD 21502. *salt marshes math lab*.

Teaching mathematics concepts in developmental math course is challenging as students may not see the relevance of what they learn in the real world. Providing examples on how math is used to solve problems in different disciplines can generate interest and result in an improved learning. In this presentation, the authors will discuss a real world example where students used the collected data on Fiddler Crab at the Wallops Island Salt Marshes to investigate some math concepts. The sample activity will provide students an opportunity to gain experience with calculating volume, conducting basic statistics, and learning about unit conversion. The activity helps students improve their problem solving while learning about several mathematical concepts (Received September 16, 2014)