Science with OAR is a collaborative effort between the University of South Alabama and the Office of Oceanic and Atmospheric Research (OAR). The purpose of this project was to work with middle school science teachers to design and develop 12 interactive lessons for students in grades 5-8. These activities focus on several of the major topics consistent with ongoing OAR and National Oceanic and Atmospheric Administration (NOAA) research efforts. Students are involved in gathering information and data from actual NOAA sites on a variety of topics. They use this information to complete activities and conduct science investigations related to topics they are covering in their science courses.