

21st Century Instructional Initiative Grant Recipients 2017-2018

School Holabird Stem

Principal Melanie Kearns

Grant Liaison/Team Rick Wright

Instructional Focus STEM

Theme Environmental Science

- Point #1 Our 4th graders learned about people who make a living from the Chesapeake Bay, the marine life in the bay, and the circumstances surrounding the bay today.
- Point #2 The 5th graders learned about the Chesapeake Bay's oyster reefs and the effect salinity and the growth of bay grasses has on the oyster population.
- Point #3 Our 4th graders visited the Fort McHenry wetlands and took soil samples to determine soil types for wetlands. They did trash studies to see the types of trash that flows down the Patapsco into the bay.
- Point #4 Our 5th graders seined for marine life at Sandy Point State Park to determine the health of the bay by examining types and quantities of marine life. They performed oxygen tests and turbidity levels of the water.
- Point #5 This community lives very close to the waters of the Chesapeake Bay but there is a disconnect here. Over the past years, our students who have access to this program from the National Aquarium become stakeholders and stewards of the Chesapeake Bay.

