

BATH COUNTY SCHOOL BOARD

AGENDA ITEM: INFORMATION { X } ACTION { } CLOSED MEETING { }

SUBJECT: SUPERINTENDENT’S REPORT – PRESENTATIONS/INFORMATION

KidWind Projects

BACKGROUND: Bath County Public Schools has been participating in KidWind, a wind turbine design competition for three years. Bath County High School participated for the first two years. The students brought home trophies and awards each year, with a first and second place finish in Virginia in 2016 that earned the teams an invitation to the national competition in New Orleans. This year, the high school was joined by Valley Elementary School at the competition held at Dabney S. Lancaster Community College. Valley Wind Turbinators brought home a trophy for their poster design and paper highlighting the benefits of wind power. BCHS team “Geared Up” took the third-place award and BCHS team “The Sleeper” received two trophies for their design using a mini-computer to autonomously shift gears in the transmission linking the blades to the generator. The students and staff on all three teams put in extra hours after school to develop their entries. KidWind lets students use hand on experiences to learn how to engineer solutions utilizing knowledge acquired in classrooms. At BCPS, teachers use KidWind to teach collaboration to students by example, such as the Valley Wind Turbinators trip to BCHS to get feedback and to test their design.

Valley Elementary Coaches:

Kristy Pasco, Suzanna Paxton, Darah Hevener

Bath County High School Coaches:

Joey Altizer, Larry Grubbs, Kayala Jordan, Mark Hall

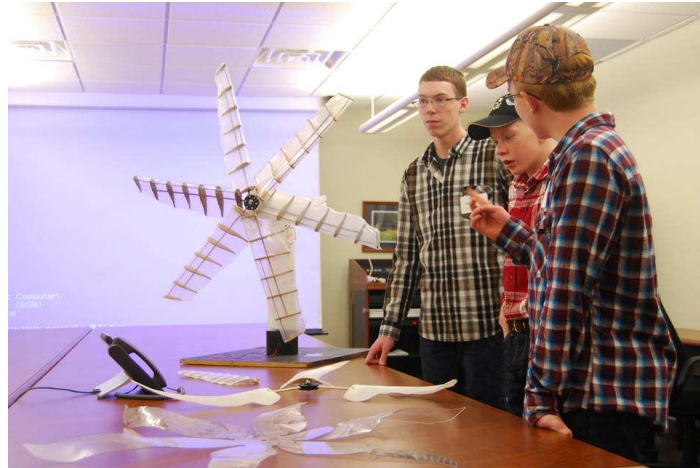


Team "The Sleeper": Dylan McComb, Charles Offer, and Faith May

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KidWind Projects (continued)



Team "Geared Up": Matthew McCune, Jacob McComb, and Kleigh Sharp.



Team "Valley Wind Turbinators": Tyler Kincaid, Chris Painter, Caiden Offer, Cooper Lowry, Pierce Fussell, Luke Hooker, Ali Frame