



Daviess County Public Schools

1622 Southeastern Parkway
Owensboro KY 42303
www.dcps.org

www.Facebook.com/DaviessCountyPublicSchools
Twitter: @dcpsKidsFirst
YouTube: DCPSTV

Superintendent Matt Robbins
matt.robbins@daviess.kyschools.us
Phone 270-852-7000

Photo provided: Identification from left to right:
Owen Krahwinkel, Price Cowan, Paul McClellan and Adam Julian are pictured with their VapeBusters prototype at the regional STLP competition hosted by Western Kentucky University.

December 14, 2018

DCHS STLP team advances to state

The Daviess County High School team of Owen Krahwinkel, Price Cowan, Paul McClellan and Adam Julian competed at the regional Student Technology Leadership Program (STLP) competition hosted by Western Kentucky University on Tuesday, Dec. 4. The team scored 91 out of 100 possible points, and will advance to the state finals in Lexington in April.

The team will also compete in the Kentucky Lt. Governor's Entrepreneurial Challenge (LGEC) in Madisonville in March 2019.

The team's product, "VapeBusters," is designed to respond to the issue of underage usage of e-cigarettes in high schools. The product involves using humidity detection sensors in places where those devices are commonly used, such as bathrooms and locker rooms. The sensors would alert school officials to a spike in humidity caused by e-cigarettes in those locations through a desktop application or mobile app.

While still in the design phase, team facilitator and faculty advisor Barney Hall said, "The idea of his product is unique because once it is fully developed, it will help coming the rising problem of e-cig and vaping among teens, especially in the school environment."

According to the official STLP website (<https://stlp.education.ky.gov/>), "STLP uses project-based learning principles to empower student learning and achievement through the utilization and creation of technology to solve school and community needs. STLP provides a means for students to design, make, connect and learn."

Members of the DCHS STLP team are available for interviews by contacting Barney Hall at Stephen.hall@daviess.kyschools.us or 270-852-7300. Media reminder: The last day of school before Christmas break is Wednesday, Dec. 19.

For more information, contact DCPS Public Information Officer Lora Wimsatt
(270) 852-7000 ext. 215 Lora.Wimsatt@daviess.kyschools.us