

LONGWORTH BRINGING ADVANCED MATH TO MIDDLE SCHOOLS, CONTINUING TO EXPAND HIGHER LEVEL MATHEMATICS AT HCHS

Greg Longworth has been named math resource teacher for Harlan County Schools.

Superintendent Brent Roark said Longworth was selected “because of his knowledge of both mathematics and the science of teaching mathematics. He is committed to the students of our district and to seeing that our mathematics instruction is being delivered in a way that engages students and inspires them to learn. Mr. Longworth wants to see our math scores improve and to see our kids acquire the mathematics skills they need to be successful.”

In addition to teaching advanced mathematics courses at Harlan County High School this fall, Longworth will be working with administrators, teachers and students to implement higher level math classes at the middle school level on an elective basis. Students may choose to participate based on established criteria from the district level.

Longworth’s goal is to “have students prepared for an advanced math pathway when entering high school. Ultimately, the student will be better prepared for state testing, ACT and college mathematics.”

Rollout for the program will be before the start of the second semester for eighth grade students this school year, he said.

Participation will require students having passed seventh grade math with an average of 90 percent or better, show increased growth or achieve an average proficiency score on the benchmark assessments, have excellent attendance, have a mathematics teacher recommendation and other items.

Longworth has been with the district 26 years. He is returning to the classroom and to the central office this year after serving as a Gear Up Academic Interventionist at James A. Cawood Elementary and Harlan County High School. He will be teaching calculus, precalculus, trigonometry, probability and statistics, accelerated Algebra II and Honors Algebra II.

During his tenure, he has been recognized by students, former students, his teaching peers and other agencies for his outstanding work.

He was selected by the Kentucky Center for Mathematics (KCM) as a Kentucky Math Teacher Leader. This group of passionate teachers were selected for the program after completing a rigorous application and interview process. This group was brought together by the KCM to collaborate with like-minded educators from across the Commonwealth of Kentucky to hone and expand their skills in leadership, mathematics content and pedagogy.



Longworth was recognized and featured by the Southeastern Conference's CFP Foundation's Extra Yard for Teachers. He was selected by Harlan County and University of Kentucky basketball standout Blair Green for the honor.

The SEC worked with its 14 institutions to identify student-athletes from six different sports who have had a teacher that greatly impacted his or her life. Educators are honored through a testimonial by the respective student-athlete and it airs on SEC Nation, the SEC Network's traveling pregame show, during the college football regular season.

He has received on several occasions the student-selected Black Bear Inspirational Teacher Award, honoring teachers who go above and beyond to help students achieve and succeed. In addition, he was named the high school teacher for the Campbellsville Excellence in Teaching Award in 2022 and the Harlan County Secondary Teacher of the Year in 2006.

He earned his bachelor of arts in mathematics in 1999 and his master of arts with a Rank I in principal supervision in 2004. He is a 1988 graduate of Cawood High School.

He is the son of Lissie Henderson, of Bellville, Ohio, and the late Clarence Longworth. He is married to Jessica Lorraine Longworth.