

To: Board of Education

From: Jerri Kemble, assistant superintendent, innovation & technology, ext. 2755
Ellen Willets, assistant director, curriculum, instruction & assessment, ext. 4769

Re: Adoption & Purchase of Student & Teacher Geometry Resources

Date: May 18, 2017

Background:

The State of Kansas adopted a new set of standards for mathematics, the Kansas College and Career Ready Standards (KCCRS). As a result of the new adoption, staff in USD 497 began working to identify changes, if any, that needed to occur to see the implementation of the standards.

A Geometry Leadership Team was formed during the spring of 2014. This team worked during the summer of 2014 and throughout the 2014-2015 school year to implement the KCCRS in Geometry and Advanced Geometry.

The leadership team identified the need for a resource to support the new standards and units developed by teachers. Four resources were identified and reviewed through the curriculum review process as well as the Culturally Relevant Rubric and KCCRS relevance. This process narrowed the field to two resources, and a field test of both occurred during the 2015-2016 school year. Teachers provided feedback on each of the resources.

Rationale:

Leadership teams, with support from the curriculum facilitator, determined that the current resources did not adequately support KCCRS. Content standards and Mathematical Practices were missing from the current resource. The Kansas Mathematics Instructional Material Extended Review Tool, a rubric to evaluate instructional resources created by the Kansas State Department of Education and math leaders across the state, further supported that the current resources were not aligned with the Kansas College and Career Ready Standards.

Recommendation:

Administration recommends board approval for the adoption and payment of \$43,844.65 for Houghton Mifflin Harcourt Big Ideas Math Geometry* teacher and student materials (no shipping cost). Funding of this payment has been budgeted and will be paid from 2410009471/72-56440 (paper copy books) and 2410009471/72-56450 (on-line access).

Motion:

"I move the Board of Education approve the adoption and payment in the amount of \$43,844.65 for the purchase of Houghton Mifflin Harcourt Big Ideas Geometry student and teacher resources for implementation in the 2017-2018 school year."

**online access to resources included for staff and students*