



**GOVERNING BOARD AGENDA ITEM
AMPHITHEATER UNIFIED SCHOOL DISTRICT NO. 10**

DATE OF MEETING: **November 14, 2017**

TITLE: **Study and Presentation on the Status of Math Achievement and Math Curriculum**

BACKGROUND:

The State of Arizona establishes academic standards for mathematics which are reviewed periodically by committees of educators and members of the public. The most recent review resulted in recommendations for minor changes which were subsequently approved by the State Board of Education in December of 2016. These changes will be incorporated into the 2019 administration of the AzMERIT assessment.

The presentation this evening will briefly review Arizona standards in mathematics and where they can be viewed, and discuss the shifts that have been made in mathematics curriculum and instruction over the past five to seven years. The presentation will also address definitions of curriculum and pedagogy.

Math achievement is reviewed regularly at each of our district schools. Various assessments are used to measure and document progress of students. In Amphitheater, the NWEA MAP assessment is taken two-three times per year by students in grades two through eight. The AzMERIT assessment is administered by the State of Arizona annually to students in grades three to twelve. The presentation this evening will review district aggregated math achievement data from the past three to five years.

In November of 2012, the district issued a request for proposals for mathematics curriculum materials. The materials were reviewed by teachers, administrators, and parents according to district policy and textbook recommendations were made to the Governing Board for approval. The selected materials were purchased and implemented in the schools during the 2013-2014 school year.

The 2017-2018 school year, marks the final year of the contract for the current adoption, therefore, recommendations will be made regarding purchase of materials for next year, and subsequent years. Our current adoption for elementary school students is My Math published by McGraw-Hill. Carnegie Math was adopted at the secondary level for grades six to eight and Algebra, Geometry, and Algebra II at the high school level. After the Carnegie adoption, an additional text, published by Holt, was adopted at two secondary schools.

RECOMMENDATION:

The information presented this evening is for the Governing Board's study as we contemplate a mathematics textbook adoption for the 2018-2019 school year.

INITIATED BY:

Dr. Roseanne Lopez, Chief Academic Officer Elementary Education

Date: November 3, 2017

Todd A. Jaeger, J.D., Superintendent