

Executive Summary

Prepared for Board of Trustees Meeting

December 12, 2017

Math Update

Board Goal:

Teaching & Learning...

In pursuit of excellence, the district will:

- cultivate a consistent, strong, district-wide balanced curriculum based on ongoing needs assessments that supports all students
- establish high expectations with a curriculum that fosters inquiry and critical thinking
- expect full curriculum implementation on each campus by instructional leaders
- establish quality staff development programs and promote professional learning communities
- strive to deliver all academic programs through teachers possessing advanced degrees and demonstrable competence in their areas of professional responsibility
- stay abreast of and incorporate best practices into teaching, learning, technology and leadership
- advocate and practice true accountability based on measurement of individual student progress over time, regardless of external mandates

Purpose of Report

The purpose of the report is to give the Board of Trustees a complete description of the philosophy of mathematics instruction in Denton ISD along with information about how we carry out math instruction.

Objectives

The report will share:

- How mathematicians are developed in the classroom;
- The differences in content and process standards for mathematics;
- Elementary and Secondary Mathematics supports for teachers;
 - Curriculum Documents;
 - Instructional Coaches;
 - New Teacher Orientation;
- Professional Learning Opportunities;
- Mathematical supports for students;
- Universal Screeners and Assessments; and
- Future Work in mathematics

Operational Impact

The report is informational and has no new operational impact.

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Results

The intended results are to provide appropriate and intentional mathematics instruction that ensures all students are progressing and performing on grade level. Additionally, on-going support will be provided to close all identified mathematics gaps.

Other Options

NA