

***Mathematics Focus
FY17 and FY18***

Board of Education Mtg

April 25, 2017

D105 Mathematics

Achievement and Progress

- **MAP math results**
 - Continued high level of concern due to lower Spring 2016 and Winter 2017 results
- **Examining current district math practices**
- **Examining best, high-leverage math instruction practices**
- **Changes within our classrooms have already occurred**
- **Continue to investigate long-term opportunities for improvement**

Math Focus – Today

- **Increased focus on number sense/numeracy daily**
 - Examples: Number Talks beginning of day, morning meeting, during math blocks
- **More Time!**
 - additional time focused on math instruction
- **Increased focus on purposeful math groupings**
 - based on unit assessments and MAP data
- **Compass Learning pilot**
 - Online differentiated learning paths (tasks/activities) connected to individualized MAP skill needs
- **Ongoing alignment of new math materials to**
 - CEC support
 - Time for teachers at District and Building meetings
- **CEC grade level support**
 - Enhancement of math units of instruction and pre/post assessments

Math Focus – Moving Forward

- **Math Committee Study**
 - Study of best mathematics instructional practices
 - Identify instructional inconsistencies in system
 - Consensus around high-leverage strategies and best practices/models for focus in FY18
- **More TIME for Math**
 - Examine building schedules
 - Examine content minutes
- **Examining Core Math Instruction Support**
 - Focus on high-leverage math strategies and practices
 - Building based “coaching” support – modeling, planning, co-teaching, PD, deepen teacher content knowledge