

Mathematics at CEMS

School Board Presentation 4/8/14

Rationale--The Why

- Trajectory toward graduation standards
- Access to higher level math courses
- Elimination of need to double up
- Time for additional Algebra work as needed
- Algebra foundation for Physics
- Growth toward CESD strategic plan objectives
- Increasing rigor and expectations for ALL

Algebra I for Grade 8--The What

| Current (2013-2014) | Courses | | | |
|---------------------|---------------|--------------|-------------|-----------|
| 5th Grade | Control Math | Grade 5 Math | Accel. Math | |
| 6th Grade | | Grade 6 Math | Accel. Math | |
| 7th Grade | Rational Math | TM1 | Trans7 | Algebra I |
| 8th Grade | TM1 | TM2 | Algebra I | Geometry |

Grade 5 and 6 Changes

| | 2013-14 | 2014-15 |
|---------|---|---------------------------------------|
| Grade 5 | Accelerated Math 5 | Accelerated Math 5 |
| | Math 5 | Math 5 |
| | Control Math | |
| Grade 6 | Accelerated Math 6 | Accelerated Math 6/Pre-Algebra |
| | Math 6 | Math 6 |
| | Control Math--collapsed mid-year | |

Grade 7 and 8 Changes

| | 2013-14 | 2014-15 |
|---------|----------------------------|--------------------|
| Grade 7 | Algebra I | Algebra I |
| | Transitions Math | Pre-Algebra |
| | Transitions Math I | |
| | Rational Math | |
| Grade 8 | Geometry | Geometry |
| | Algebra I | Algebra I |
| | Transitions Math | Pre-Algebra |
| | Transitions Math II | |

Process--The How

- Realignment of curriculum to standards
- Professional Development
- Differentiation
- Math coaching
- Support for students--RtI, Enrichment block, push-in support