

SKYVIEW MATH RECOMMENDATION: MY MATH / GLENCOE

Presented to Methacton School Board

Tuesday, May 26, 2015

Background & Program Requirements

- EDM time issue
 - 45-minute timeframe
- PA Core Standards
 - Assessments with higher-order thinking
 - Significant problem-solving component
 - Successful preparation for 7th grade
 - Engaging & rigorous activities
- Math PSSA scores and PVAAS
 - Differentiated materials
 - Technology for data-informed instructional decisions
 - Online activities & videos in school & at home

Skyview Math 2014-2015

- Go Math
 - One teacher at each level, 5th and 6th (each with multiple classes)
- My Math/Glencoe
 - One teacher for My Math (5th) two teachers for Glencoe (6th) (each with multiple classes)
- EDM
 - 5th grade = 4 teachers
 - 6th Grade = 2 teachers

Data Collection

- Recommendation based on the following:
 - Study Island Benchmark- Based on PA Core, not aligned with a specific program
- Surveys
 - Teachers
 - Rating of rigor/assessments, technology & resources
 - Students/Parents
 - Overall perceptions of programs
 - Satisfaction with technology resources

Conclusions

Recommendation for 2015-2016: My Math/Glencoe

- Highest percentage of students achieving 80% or higher on February Study Island assessment
- Lowest percentage of students achieving under 60% on February Study Island assessment
- Highest Parent Positive Perception Rating
- Highest Teacher Rating
- Resource is aligned to PA core standards
- Accommodates Skyview academic day
- Resource content provides a bridge to Pre-Algebra in grade 7

Transitional Considerations

- Curriculum writing
 - continued alignment to PA Core
 - transition of grade 4 to 5
- Progression to Pre-Algebra in grade 7
 - seek to use Glencoe resources to transition 6 to 7 with regard to content
- Professional Development
 - publisher and department
- Communication to parents
- Costs
- Scheduled updates to Board throughout the year