

Math Achievement Team: Outcomes

To improve the math achievement of all Shoreline students

1. Read and become familiar with new state math standards.
2. Review current research from the Final Report of the National Math Advisory Panel.
3. Collect district data and information that will guide our decision-making (Needs Assessment). This would include achievement data, perceptual data (from teachers, parents, and students), demographic data, and other information that the team feels would be needed.
4. Revise the Shoreline Math Philosophy based on current research and Needs Assessment.
5. Recommend the most effective instructional model to be used in Shoreline for a variety of learners. This would include core, strategic, and intensive instructional strategies.
6. Understand the process teachers are following to align our current math materials to with the new math standards to determine if gaps are evident.
7. Using the Shoreline Math Philosophy, with teacher input from the alignment process, identify the need for new, or supplemental, math curriculum. The high school program is the first priority.
8. Determine criteria for selection of math materials, if they are needed.
9. Create rubric or scoring guide for evaluating math materials.
10. Evaluate state recommended curriculum, and other possible math materials for a variety of learners at different levels of instruction: benchmark, strategic, and intensive.
11. Determine if pilot is necessary and schedule pilot.
12. Following the teacher evaluation of the pilot, recommend purchase of materials.
13. Recommend needed professional development for usage and implementation of curriculum.
14. Determine how we can implement an ongoing formative assessment system of monitoring student math performance.
15. Determine support systems for addressing the needs of struggling math students.
16. Recommend needed professional development for math instruction to improve the mathematical knowledge and skills of the teachers.
17. Recommend timeline for re-evaluation of math program in Shoreline.