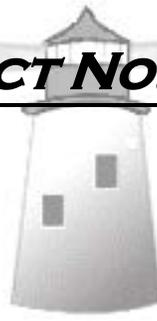


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Jennie Winters
Curriculum and Instruction Coordinator

November 16, 2017

TO: Dr. Kevin Jauch
FROM: Jennie Winters
RE: Mathematics Implementation Update

The Avoca West mathematics curriculum is currently being implemented in all grades. Teachers meet once or twice each week with me to discuss standards and standards-based data, so that they can plan appropriately to implement in the guided mathematics structure. This structure includes whole group or small group lessons, student independent practice in stations, and number talk routines. Teachers assess and teach the surface and deep learning expectations and track the data according to the performance level rubric for each unit.

Teachers are working very hard as they continue to study the standards and resources to implement our gourmet mathematics curriculum. It is a challenging undertaking, and teachers are gradually coordinating resources from multiple sources in order to develop this standards-based approach. It is important to remember that this is a new program and a different way of addressing mathematics instruction. We need to be patient as together we work through this first year of implementation.

Avoca West and Marie Murphy teachers began a pilot this fall of a technology-based mathematics intervention resource. As a result of the teacher and student feedback, the MTSS committee voted to recommend the purchase of a site license to DreamBox for all Avoca West students and additional licenses for some students at Marie Murphy. This resource will be fully implemented when students return from the Thanksgiving holiday.

Each grade level team has begun posting resources for parents on their grade level website. Such resources may include videos, links to websites, and other guidance for supporting students at home. In addition, curriculum information is posted on the district's curriculum dashboard. This information was shared at the initial mathematics curriculum information night on September 19, 2017. In addition to providing family members the opportunity to experience some surface and deep learning tasks, teachers shared examples of how they implement the new mathematics curriculum. Family members were also treated to a video of a guided math lesson. Attached are the presentation slides used that evening. A second family experience night was held on October 17. Family members in attendance learned about problem solving structures and unknown locations. They also had the opportunity to experience learning stations with classroom teachers facilitating.