

Avonworth

Think Through Math Pilot Study Brief

Product Info

Product Name: Think Through Math

Product Description: Adaptive math skills curriculum supplement - computer based organized by skill and difficulty level.

Learning Focus: Students who are math subject-accelerated by 1 grade level - Grades 2-5.

Educator Training: On-site PD for 1.5 hours to kick-off pilot and program. Phone and email support as needed throughout the use of the program.

Student Usage Minimum: 2-3 times a week for 20 minutes can be adapted as students move through topics.

Device Specifications: Chromebook for our pilot, any web-based

Cost: Flat-rate \$1500.00 for pilot - per student cost for school-year subscription.

District Context

District demographics: Avonworth School District has 1650 students, 93% White, 3% Black, 3% Asian, 1% other, 14% Free and Reduced lunch rate, iPads and Chromebooks for students by grade-level carts (not 1:1).

Pilot demographics: Grade 2 (9 students taking 3rd grade math) and Grade 5 (7 students taking 6th grade math) with a different teacher supervising each group. Grade 2 is part of the Primary Center and Grade 5 is part of the Elementary School.

Pilot Goal

Provide students with an opportunity to increase foundational math skills at an accelerated pace to ensure proficiency.

Implementation Plan

Duration: January - June 2017

Quality of Support: On-site professional development for teachers was provided on-site and lasted two hours to support the implementation of the product. The trainer followed up with teachers and administrators

directly 30, 60, and 90 days out. Teachers appreciated the personalized approach.

Implementation Model: Supplemental to instruction during accelerated math time. Students completed the program 2 -3 times a week at his/her own level.

Student Data Collected: Pre and post-test scores, number of logins, number of lessons completed, average number of login minutes, student round-table questioning.

Teacher Data Collected: Completed teacher roundtable questioning using the post-survey tool kit questions.

Findings

Actual implementation model: Implementation matched the pilot design.

Educator engagement: The teachers built time for the pilot tool into weekly classroom routines. They used the pre and post test day to support student process statements. Individual student performance data was also shared with parents during spring conferences.

Educator satisfaction: The teachers were satisfied with the pilot and requested that product be purchased by the district for the following year. The teachers felt the dashboard was easy to navigate and have offered to train other teachers on how to use the program.

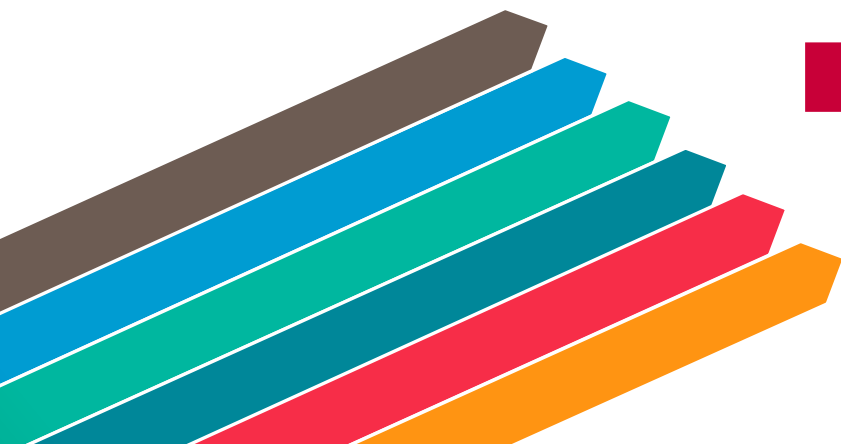
Student engagement: A16 students used the tool with an average of 33 lessons completed during the spring pilot.

Student satisfaction: Students reported enjoying the program and could explain how the program works during the post pilot round table. 6 of the participants used the program outside of school (not a requirement for the pilot).

Student learning: Students average pre- to post-test score went up 10% with an average of 90% overall.

Outcome

Purchasing Decision: The district is requesting a purchasing meeting with the vendor for continued use of the product next school year.



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