

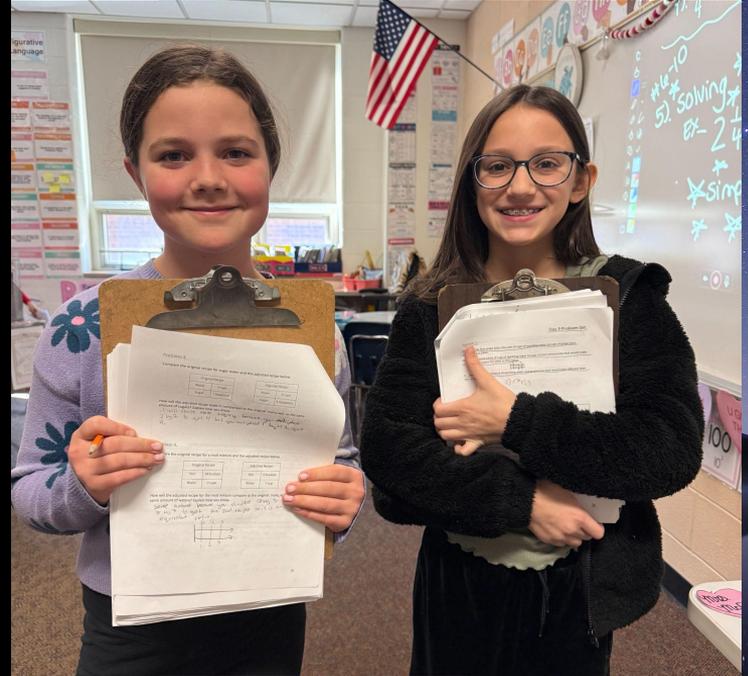
Winfield District 34 Accelerated Math Fishtank Learning Curriculum Presentation

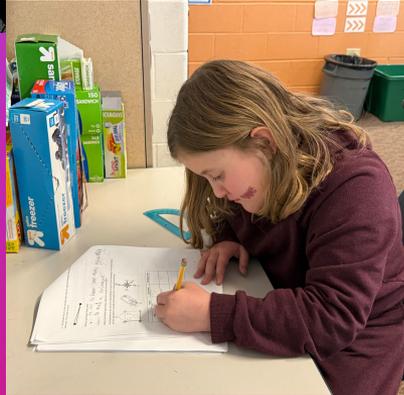
David Brach
Megan McDermott

<https://www.fishtanklearning.org/>

Why Use Fishtank Learning?

1. Encourages an **exploration-based approach** to learning math.
2. Emphasizes **problem solving as the primary goal**.
3. Provides **increased rigor and meaningful challenge**.





The Lesson Structure

- 1) Anchor Task
- 2) Problem Set
- 3) Target Task

Anchor Task



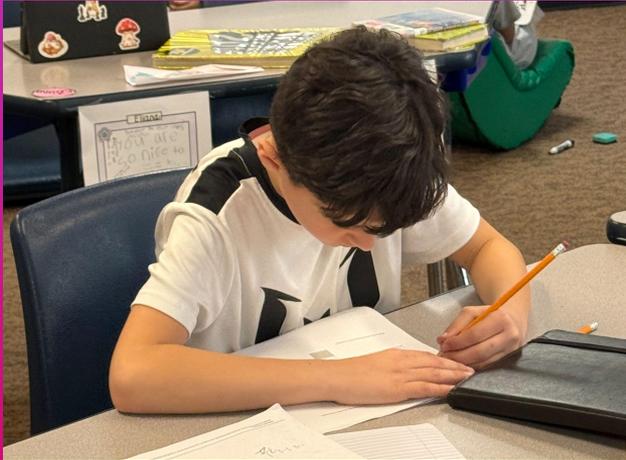
-Presents mathematical concepts through real-world applications, helping students see the relevance of math beyond the classroom.

-Provides opportunities for students to collaborate in partnerships, allowing them to solve problems and share mathematical thinking.

-Enables the teacher to highlight and compare student work, supporting reflection, discussion, and correction of misconceptions.

-Develops student leadership and communication skills by engaging students in math discussions where they practice giving and receiving constructive feedback.

Problem Set



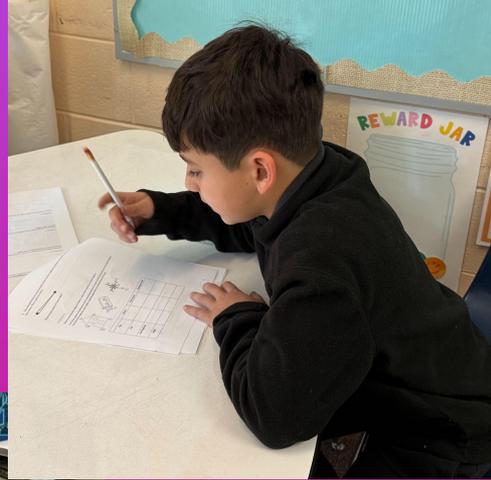
-Students explore mathematical concepts through problem sets that build on one another and encourage exploration and discovery.

-Students solve real-world problems to understand how math applies beyond the classroom.

-Daily problem sets promote collaboration, group work, and meaningful mathematical discussion.

-Problem sets provide rigorous practice with core concepts while offering opportunities for enrichment.

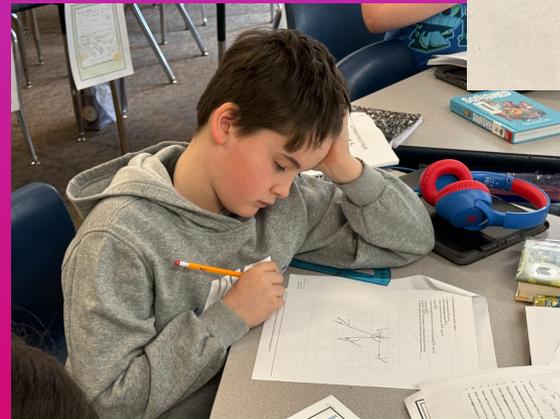
Target Task



-Offers a quick assessment that allows students to independently demonstrate their understanding of the key concepts presented in the lesson.

-Focuses on the most important concepts of the lesson while eliminating extraneous information.

-Fast and easy to grade, providing valuable insight into what needs to be retaught and where enrichment may be needed.



THANK YOU

Any questions?