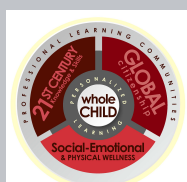




The Evolution of 6-12 Math

Excellence at SCSD



- "More Math for More Kids"
- Improved Student K-12 Experience
- Improved Student Learning

2022-2023

- Implement Course Revisions at HS

2021 - 2022

- Implement new format for 8th grade Pre-Algebra and Algebra

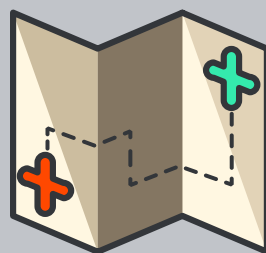
Winter-Spring 2021

- Develop enrichment topics for 7th grade tiered assignments
- Implement Pre-Algebra vs. Algebra Criteria
- Support Math component of MS 'WIN' period
- Learning Office meets with all 4 district building Math Depts. - shares data & Math Refresh plans & updates

Fall 2020

- Implement 6th grade instruction w/tiered assignments
- Develop remaining 6th grade unit tiered assignments
- Finalize Pre-Algebra vs. Algebra Criteria
- Implement new MS math AIS
- Support Math component of MS 'WIN' period
- Learning Office meets with all 4 district building Math Depts. - shares data & Math Refresh plans & updates

Spring 2020



- Create shared K-12 Math Onenote Resource notebook
- Analyze & Summarize standards alignment work from Summit
- Begin researching possible new/additional 6th grade course program materials
- Begin developing enrichment topics for 6th grade tiered assignments
- Begin developing criteria for placement in Pre-Algebra vs. Algebra
- Begin consulting with Karen Brill - Equity
- Begin consulting with SPED office - LIFE
- Meet with Embedded Honors Teachers from the HS
- Plan for appropriate training

Winter 2020

- Learning Office meets with all 4 district building Math Depts.. - shares data & Math Refresh plans
- Student Focus Groups on Math Deceleration Conducted
- SIS Secondary Learning Walks
- District-wide K-12 Math Summit

Dec. 2019

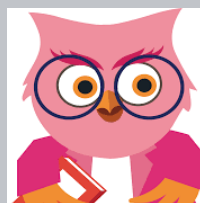


- 6-12 Math Content Coach leads a team visit to local schools to research math lab implementation

Sept. 2019

- 6 - 12 Math Content Coach begins Instructional Coaching in Secondary classrooms
- Introduce HS Algebra lab pilot
- Continue developing 6-12 Math Refresh

June 2019



- BOE approves 6-12 Math Content Coach position for 2019-2020 school year

2018 - 2019

- Math Leaders' Circle group conducts research into best mathematical practices
- Conducts visits to all 4 schools to stock of current practices being utilized
- Analyzes district data
- Develops Vision Statement, "More Math for More Students"

2017



- Creation of District Math Leaders' Circle & Vision for Our Work Together



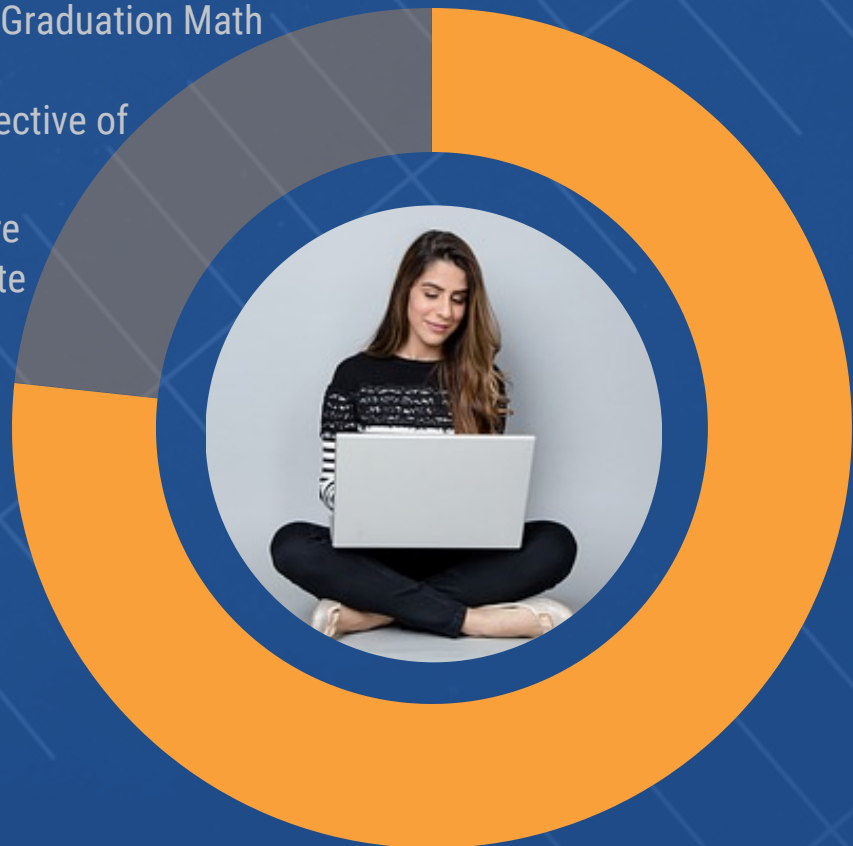
Catalyzing Change in High School Mathematics:
Initiating Critical Conversations

Forward in Increasing Excellence

Student Focus Group Results Showed their Reasons for Math Deceleration ...

A large majority of our students **identified with "hitting a wall" due to missing math skill sets .**

Completed their Graduation Math Requirement
Wanted to Fit in an Elective of Interest
Tired the Social Pressure Component to Accelerate



Somers K-12 Math Summit

Focused on our Math Refresh., "More Math for More Students"

Paying attention to what the data is telling us...

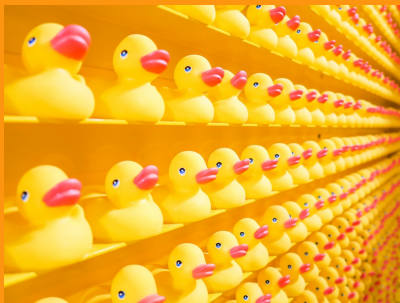


Listening to our Student Voice

Goal 1:

To determine to what extent our district Math work was aligned from three perspectives:

- vertically
- to the standards
- to best instructional practices



Goal 2:

To determine how we might appropriately compact curriculum with a new acceleration model to ensure all students understand foundational skills in Math regardless of the pathway they choose.

