

ST. STANISLAUS INDIANA

Case Study:
Improving Results in Indiana Test Scores



INTRODUCTION

Since the 2018-2019 school year, the St. Stanislaus community saw a decline in test scores as measured by state standardized testing. The school sought to find a program that engaged students at their on level in order to improve test scores.

After implementing Ascend Math, the school recognized a significant increase in NWEA MAP as state test scores.

Ascend allows all teachers to support each student as an individual regardless of level in math. Students can clearly make connections between classroom instruction and grade level standards with their learning and achievements with the Ascend program.


CHALLENGES FACED

Since the 2018-2019 the St. Stanislaus school community saw a decline in test scores as measured by our State Standardized Testing from 28% proficiency in 2019 to 19.6% in 2022.

As a result, the school sought an intervention that was scientifically based which would provide a mathematics program that could grow students individually, regardless of their current levels of mathematical achievement. The school also sought to find a program that engages students at their own level, assesses their levels of understanding based on grade level concepts and skills, allows the teacher to have interaction with all students in math, provides opportunities for individual lessons to remediate needs, provides a system of student data and tracking to show growth over time, and provides data to celebrate student growth and success. [



The school sought a program to address the decline in test scores from 2019 to 2022.



ST STANISLAUS GOALS

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objectives for implementing Ascend Math were three-fold



Goal 1

Students would interact with a mathematics program that allows students to have an individualized mathematics program that discovers student weaknesses and skills



Goal 2

Students would experience and participate in a technology based mathematics program that provides individual instruction with a teacher support component



Goal 3

Students would have a supplemental mathematics program that builds on and supports our currently adopted mathematics program

IMPLEMENTATION

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St. Stanislaus set usage expectations by grade level with higher grades dedicating more time on Ascend Math. Ascend is used as both class instruction, individual student remediation, small group tutoring and reinforcement, or for individual home assignments. In the classroom, the expectation is to work with students who need teacher support, while at the same time, supporting the growth of all students.

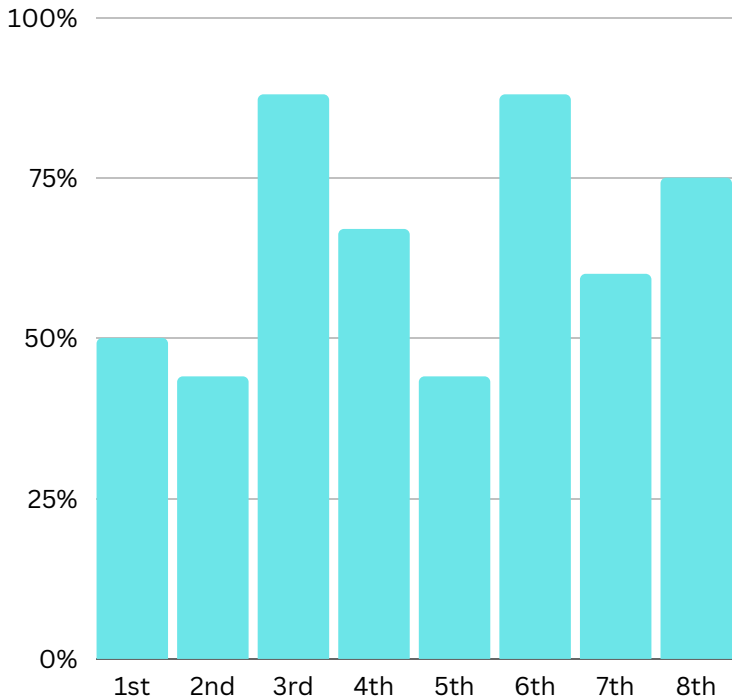


Ascend allows all teachers to support each student as an individual regardless of level in math; the program differentiates the math learning for students, so teachers spend more time working with small groups.



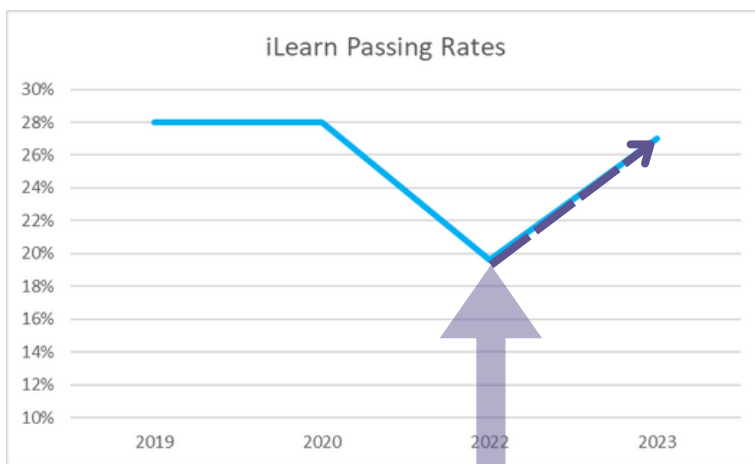
RESULTS

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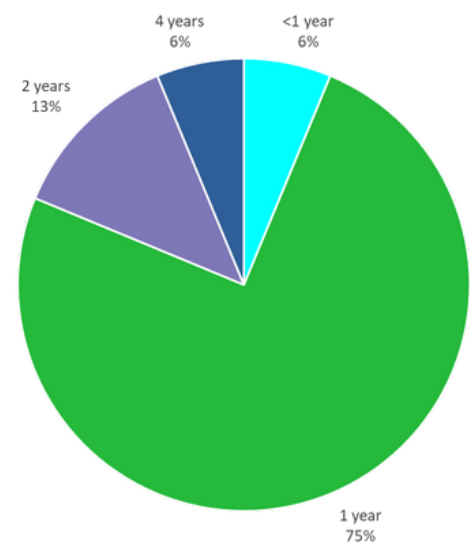


- Ascend Math’s impact on student achievement has also positively influenced the outcomes of our NWEA Math assessment results during the first 3.5 months of the school year!
- Students met time usage and lesson completion goals
- middle school improvements were significant for students using a Ascend 10 hours or more
- Improvement in ILEARN State test results

Grade Level Growth



Ascend Math Implemented





Notes:



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