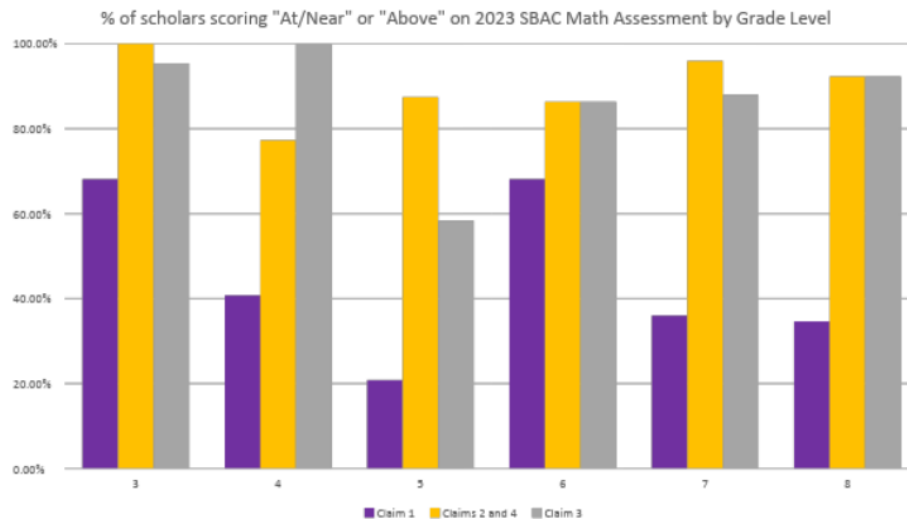


Data Overview

Fall 2023-2024 Data Wise Cycle



We are excited about the goals we have set for our students' success, particularly in the realm of mathematics. Analysis of 2023 SBAC (Smarter Balanced Assessment Consortium) data shows our scholars have a strong command of the skill measured in Claim 2&4 and 3 on SBAC Mathematics. Our primary focus is to enhance the proficiency levels of students in grades 3-5 on SBAC Mathematics Claim 1 by no less than 10% to address the discrepancy in how our scholars perform on Claims 2&4 and 3 compared to Claim 1. To achieve this, we are implementing a comprehensive strategy that involves targeted math instruction, professional development for our educators, increased resources, and support programs for your child.

SBAC assessments typically have several claims that represent different aspects of a subject. Claim 1 in SBAC Mathematics specifically focuses on "Concepts and Procedures." To score proficient in Claim 1, students need to demonstrate a solid understanding of fundamental mathematical concepts and the ability to apply procedures accurately. Here are some key skills and competencies necessary for students to score proficient in Claim 1:

Problem Solving:

- Proficiency requires the ability to analyze and solve complex problems, often involving multiple steps and requiring the application of various mathematical skills.

Fluency in Procedures:

- Students should be fluent in executing standard procedures, such as arithmetic operations, solving equations, and applying algorithms.

Application of Mathematical Models:

- Proficient students can apply mathematical models to represent and solve real-world problems, demonstrating the applicability of mathematical concepts.

Precision and Accuracy:

- Students need to perform calculations and apply procedures with a high degree of precision and accuracy

Here's how you can play an active role in helping us reach this goal and supporting your child's mathematical growth:

Engage in Regular Communication:

- Stay connected with your child's teacher to receive updates on their progress and understand specific areas that may need additional focus.
- Schedule parent-teacher conferences to discuss strategies for improvement and celebrate achievements.

Encourage a Positive Attitude Towards Math:

- Reinforce the importance of a positive attitude towards math and highlight its real-world applications.
- Share your own positive experiences with math and emphasize its role in various careers.

Create a Supportive Learning Environment at Home:

- Establish a quiet, dedicated space for homework and study time.
- Encourage a consistent daily routine that includes time for homework, reading, and other educational activities.

Utilize Available Resources:

- Take advantage of online resources, educational games, and math-related apps to supplement classroom learning:
Certainly! There are several apps and online resources that parents can use to support their children in meeting the goal of improving math proficiency. Here are some suggestions:

Khan Academy (Website and App):

- Provides instructional videos and practice exercises covering a wide range of math topics aligned with grade-level standards.

IXL (Website and App):

- Offers interactive math practice for various grade levels, allowing students to reinforce skills and track their progress.

Prodigy (Website and App):**

- Gamified platform that adapts content to a child's skill level, making math practice engaging and personalized.

SplashLearn:

- Provides a comprehensive curriculum with interactive games and activities to reinforce math concepts for elementary students.

Mathway (App):

- A problem-solving app that allows students to input and solve math problems step-by-step, helping them understand the process.

Cool Math 4 Kids (Website):

- Offers fun and interactive games that reinforce math skills in an entertaining way.

Yummy Math (Website):

- Provides real-life math scenarios and problems that can be used to engage students in practical applications of math concepts.

National Council of Teachers of Mathematics (NCTM) Illuminations (Website):

- Offers a variety of lesson plans, activities, and games that align with NCTM standards and support math learning.

Kuta Software (Online Resource):

- Offers free math worksheets and tools for extra practice on specific math topics.

Parent Toolkit for Mathematics (Online Resource):

- A resource provided by the National Parent Teacher Association (PTA) with tips and activities to support math learning at home.

Bedtime Math (Website and App):

- Provides fun and engaging math problems for parents to do with their children before bedtime, making math a part of daily routines.

Your involvement and support are invaluable in helping us achieve our goal of improving math proficiency. Together, as a collaborative community, we can empower our students to excel in mathematics and set the foundation for their future success.

Thank you for your partnership and dedication to your child's education!