Report for Audrey Alexander

02/24/2025
Fall (07/01/2024 - 11/24/2024)
Mathematics - Grade 5
Accommodations: Developmental Level | Read-Aloud

What is Classworks Universal Screener?
The Universal Screener is an academic assessment that identifies readiness for on-grade level instruction. Audrey has recently taken the Classworks screener at school.

Overall Performance

Test Date	Support Level	Overall Score	Percentile Rank	GLE
08/12/2024	Urgent Intervention	340 Rush	17th	3

Domain Performance

Domain	Scaled Score	GLE
Algebra	410	5
Geometry	320	2
Mathematical Processes	340	3
Measurement	460	6
Statistics and Probability	330	3

Scaled Scores provide a single, consistent way to measure student growth from year to year. The scaled score reflects both overall growth and domain specific growth over time.

Grade Level Equivalency (GLE) is based on your student's level of performance overall and within each domain. GLEs can also be used to guide student groups and small group instruction.

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Dyscalculia Indicator

The Classworks Universal Screener can help identify students who may be at risk of math difficulties like dyscalculia. These results identify warning signs and determine if additional testing is recommended.

- **Additional Testing Recommended**

  Audrey's Universal Screener results indicate additional testing for dyscalculia.

Early Numeracy Indicators

Math skills build upon each other. Before moving on to more complex mathematical ideas, basic concepts and skills must be understood. Numeracy Indicators in Classworks build upon each other; basic skills like number sense, place value, and basic arithmetic operations act as the foundation for learning advanced math concepts. For example, understanding addition is essential before tackling multiplication. The Classworks Numeracy Indicators are displayed below in order of complexity.

Counting Principles

Rules and methods that explain how to count objects accurately. In upper elementary and middle school, this includes concepts like multiples (skip counting by an integer), stable order (saying numbers in the correct sequence), and the fundamental counting principle. This principle states that if one event can occur in "m" ways and a second independent event can occur in "n" ways, then the total number of possible outcomes for both events is "m * n".

- **At Risk** — To strengthen counting skills, Audrey may benefit from explicit instruction, modeling, and repeated practice working with multiples and determining all possible outcomes.

Number Identification

The ability to recognize and correctly name different numerical values. In upper elementary and middle school, this includes concepts like positive and negative integers, more complex concepts like prime and composite numbers, and interpreting numerical data displayed in tables, graphs, and charts.

- **Low Risk** — Audrey demonstrated the ability to recognize real and rational numbers when written in different forms or along different displays (number lines, charts, tables, graphs) and identify numbers as primer or composite.

Operations with Whole Numbers
The ability to accurately perform grade-level appropriate operations with whole numbers (including basic facts), apply the order of operations (PEMDAS), make calculations using data sets, and solve multi-step calculations when presented as story problems, written equations, and equations with variables.

○ **Low Risk** Audrey demonstrated the ability to solve equations and story problems involving whole numbers, including those requiring the use of variables and order of operations.

Number Comparisons/Inequalities
The ability to reason with comparisons between two numbers, values, or expressions. Inequalities can; 1) Include variables or unknown amounts; 2) Be represented on a number line or coordinate plane; and 3) Have single or multiple correct answers.

● **At Risk** To improve Audrey's skills in comparing numbers and understanding inequalities, they may benefit from explicit instruction, modeling, and practice in comparing whole numbers, solving one-variable inequalities, and graphing inequalities on a number line.

Whole & Decimal Number Place Value/Decimal Operations
The ability to accurately solve exercises involves identifying each digit's value in a number based on its position (place value) and solving problems that include whole and decimal numbers.

○ **Low Risk** Audrey demonstrated the ability to compare and identify place values in whole and decimal numbers and accurately solve problems involving whole and decimal numbers.

Spatial Reasoning/Geometry
The ability to 1) Reason with nets to relate plane and solid figures; 2) Reason with congruence and similarity; 3) Solve for geometric measurements with whole numbers such as area, volume, and perimeter; and 4) accurately plot points in the first quadrant of a coordinate plane.

● **At Risk** To strengthen geometric reasoning skills, Audrey may benefit from explicit instruction, modeling, and repeated practice reasoning with geometric properties and measurements, and plotting ordered pairs on a coordinate plane.

Part/Whole Relationships
The ability to recognize and reason with fractions and percents including the ability to add, subtract, multiply, and divide fractions, with a focus on finding common denominators, using visual models to understand the concepts, and applying these operations to real-world problems.

○ **Low Risk** Audrey demonstrated the ability to reason with fractions, successfully solve one-step addition, subtraction, division, and multiplication problems with fractions, and interpret percentages as fractional elements.