

Student Profile Report

Academic year: 2011-2012
 Select Students by: Class
 School:

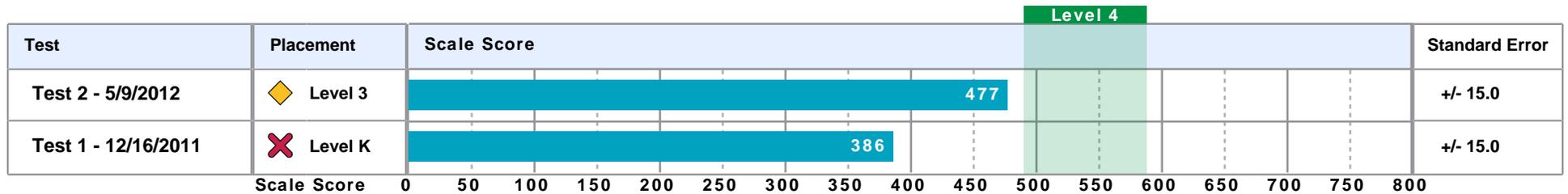
Class:
 Student:
 Define "On Level": Standard View

Show: Test 2 - 05/09/12

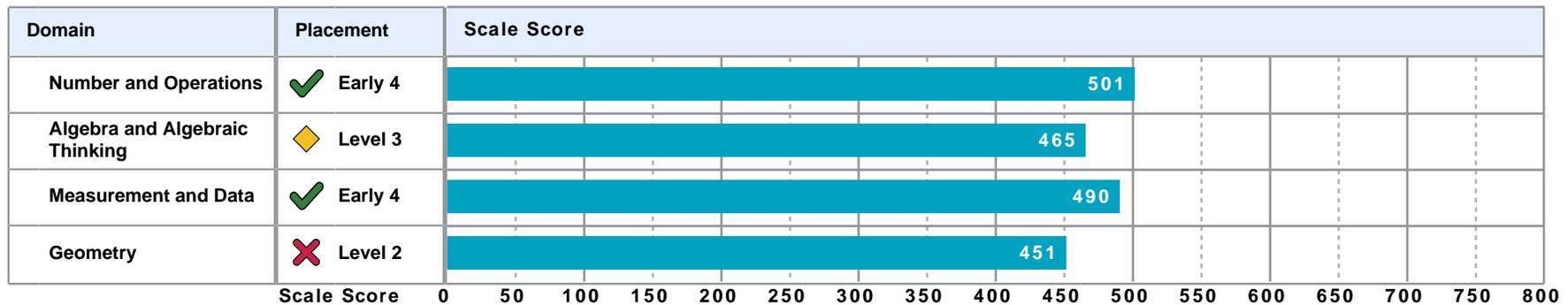
Use this report to view a student's Diagnostic performance overall and by domain and customized instructional support to help this student improve.

Overall Performance

✓ On or Above Level ◆ < 1 Level Below ✗ > 1 Level Below



Detail for Test 2 - 05/09/12



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	Placement	Developmental Analysis
Overall Math Performance	 Level 3	Test results suggest that D'Andre would benefit from intervention focused on skills and concepts related to quantitative reasoning and representation. Instruction that connects understanding of number relationships with computation and problem solving skills will strengthen D'Andre's math abilities across domains. This priority places D'Andre in Instructional Grouping Profile 2.
Number and Operations	 Early 4	At levels 3-5 this domain addresses four operations with whole numbers with an emphasis on multiplication and division, as well as understanding of and computation with decimals and fractions. D'Andre's score indicates an appropriate understanding of whole number operations as well as some fraction concepts. D'Andre may be ready to develop skills related to multi-digit computation.
Algebra and Algebraic Thinking	 Level 3	At levels 3-5 this domain addresses multiplication and division concepts, including remainders, factors and multiples, as well as numeric expressions and patterns. Test results indicate that D'Andre needs to develop a deeper understanding of the relationship between multiplication and division and apply this concept to solving word problems.
Measurement and Data	 Early 4	At levels 3-5 this domain addresses the relationship among measurement units, geometric measurement concepts, and presenting and interpreting data on line plots and bar graphs. D'Andre's score indicates an appropriate understanding of these topics. Test results indicate D'Andre may be ready to develop concepts and skills related to angle measurement.
Geometry	 Level 2	At levels K-2 this domain addresses attributes of basic two- and three-dimensional shapes, relationships between shapes, and simple geometric terms. Test results indicate that D'Andre may benefit from review of comparing and contrasting shapes and composing and decomposing shapes.

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Building Number and Operations Skills

What D'Andre Can Do

Results indicate that D'Andre can likely do the skills shown below.

Base Ten

Read and write whole numbers through hundred thousands in expanded form and standard form and identify the value of the digits.

Add three-digit numbers with regrouping.

Subtract three-digit numbers with regrouping.

Know multiplication facts through 9 times 9.

Know division facts through 81 divided by 9.

Fractions

Identify fractions that name part of a whole (denominators of 2, 3, 4, 5, 6, 8, 10, 12).

Next Steps for Instruction

Results indicate that D'Andre will benefit from instruction and practice in the skills shown below.

Base Ten

Read and write whole numbers through hundred millions in expanded form and standard form and identify the value of the digits.

Add multi-digit numbers.

Subtract multi-digit numbers.

Multiply 10 or a multiple of 10 by a one-digit number.

Multiply three-digit numbers by one-digit numbers.

Divide up to three-digit numbers by one-digit numbers.

Fractions

Use models to find equivalent fractions.

Identify fractions shown on a number line.

Express fractions with denominators of 10 or 100 as decimals.

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Recommended Products from Curriculum Associates

If you have this product...	Use...
STAMS	<p>Book C Lesson 2: Add and Subtract Lesson 8: Fraction Concepts Lesson 9: Model Equivalent Fractions</p> <p>Book D Lesson 2: Multiply Mentally Lesson 12: Relate Decimals to Fractions Lesson 17: Multiply 3-Digit Numbers Lesson 18: 1-Digit Divisors</p>
STAMS Solve	<p>Book C Practice 2: Add and Subtract Practice 8: Fraction Concepts Practice 9: Model Equivalent Fractions</p> <p>Book D Practice 2: Multiply Mentally Practice 12: Relate Decimals to Fractions Practice 17: Multiply 3-Digit Numbers Practice 18: 1-Digit Divisors</p>

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Building Algebra and Algebraic Thinking Skills

What D'Andre Can Do

Results indicate that D'Andre can likely do the skills shown below.

Operations and Algebraic Thinking

Solve subtraction problems by counting back 1, 2, or 3.

Demonstrate an understanding that a group of objects is an even number of objects if it can be divided into complete pairs and is odd if it cannot; express even numbers as doubles facts.

Know addition/subtraction fact families.

Write multiplication sentences to represent equal groups and repeated addition.

Write a multiplication sentence to represent objects in a rectangular array, recognizing that the order of factors does not affect the product.

Know multiplication/division fact families.

Next Steps for Instruction

Results indicate that D'Andre will benefit from instruction and practice in the skills shown below.

Operations and Algebraic Thinking

Solve problems involving partitioning in equal groups, including identifying the remainder.

Solve problems involving sharing equal groups, including identifying the remainder.

Write and solve two-step real-world problems using addition, subtraction, multiplication, and division.

Identify multiples of whole numbers with products to 100.

Find and explain arithmetic patterns such as every multiple of 5 will end in either a 0 or a 5.

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If you have this product...	Use...
STAMS	<p>Book C Lesson 2: Add and Subtract Lesson 3: Multiplication Concepts Lesson 6: Division Concepts</p> <p>Book D Lesson 2: Multiply Mentally</p>
STAMS Solve	<p>Book C Practice 2: Add and Subtract Practice 3: Multiplication Concepts Practice 6: Division Concepts</p> <p>Book D Practice 2: Multiply Mentally</p>

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Building Measurement and Data Skills

What D'Andre Can Do

Results indicate that D'Andre can likely do the skills shown below.

Measurement

Use a ruler to measure length in inches.

Solve problems involving counting dollar bills and coins, and use the dollar symbol.

Tell time to the nearest five minutes.

Cover a plane figure with unit squares, and count squares to measure area.

Data

Create a picture graph with a single-unit scale to represent data that includes multiple categories.

Construct a bar graph with a single-unit scale to represent data that includes multiple categories.

Next Steps for Instruction

Results indicate that D'Andre will benefit from instruction and practice in the skills shown below.

Measurement

Use a ruler to measure length to 1/4 inch.

Use a balance scale to measure and compare weights in ounces and pounds.

Choose fluid ounces, cups, quarts, or gallons to measure capacity.

Use the four operations and drawings to solve one-step word problems involving masses or volumes expressed in like units.

Tell time to the minute.

Find elapsed time in minutes.

Use side lengths to solve problems involving perimeter.

Measure angles using a virtual protractor.

Data

Construct and interpret scaled bar graphs and scaled picture graphs.

Show data on a line plot with a scale that includes whole-number units.

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If you have this product...	Use...
STAMS	<p>Book C Lesson 14: Length Lesson 15: Perimeter Lesson 16: Pictographs and Bar Graphs</p> <p>Book D Lesson 16: Line Plots</p>
STAMS Solve	<p>Book C Practice 14: Length Practice 15: Perimeter Practice 16: Pictographs and Bar Graphs</p> <p>Book C Teacher Guide Practice 20: Measure Metric Volume and Mass Practice 21: Time and Time Intervals to the Nearest Minute</p> <p>Book D Practice 16: Line Plots</p> <p>Book D Teacher Guide Practice 21: Measure Angles</p>

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Building Geometry Skills

What D'Andre Can Do

Results indicate that D'Andre can likely do the skills shown below.

Identify basic three-dimensional shapes (cube, cone, cylinder, sphere).

Identify basic two-dimensional shapes (square, circle, rectangle, triangle).

Compare and contrast attributes of two-dimensional shapes (circle, square, rectangle, triangle, diamond).

Sort and classify two-dimensional shapes according to attributes such as vertices, angles, and sides.

Describe equal parts of circles, rectangles, and squares using terms such as *halves*, *fourths*, and *quarters*.

Find the total number of square units in a rectangle divided into same-size squares.

Next Steps for Instruction

Results indicate that D'Andre will benefit from instruction and practice in the skills shown below.

Compare and contrast attributes of solid figures including numbers of vertices, faces, and edges.

Combine and separate two-dimensional shapes to create other two-dimensional shapes and predict the results.

Identify equal parts of the same whole rectangle partitioned in different ways, using terms such as *halves*, *thirds*, and *fourths*.

Describe areas of equal parts of a shape using unit fractions.

Identify squares, rectangles, parallelograms, rhombuses, and trapezoids, and recognize them as examples of quadrilaterals.

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If you have this product...	Use...
STAMS	Book B Lesson 10: Equal Parts of Shapes Book C Lesson 8: Fraction Concepts Lesson 17: Understand Area
STAMS Solve	Book C Practice 8: Fraction Concepts Practice 17: Understand Area Book C Teacher Guide Practice 19: Understand Shapes