

Performance Profile Header

REPORT DATE: 07-09-2016

Individual Student Year-End Report

SUBJECT: Mathematics

Performance Profile 2016-17

GRADE: 7



NAME: Susie Smith
DISTRICT: DLM District
SCHOOL: DLM School

DISTRICT: 1234
STATE: Kansas
STATE ID: 1234567

Overall Results

Performance Profile Text

Students in Grade 7 Mathematics are expected to be administered assessments covering 35 skills for 7 Essential Elements. Susie mastered 15 skills during the year.

Overall, Susie's mastery of Mathematics fell into the second of four performance categories: **approaching the target**. The specific skills Susie has and has not mastered can be found in Susie's Learning Profile.

Performance Level Graphic and Definitions



EMERGING:

The student demonstrates **emerging** understanding of and ability to apply content knowledge and skills represented by the Essential Elements.

APPROACHING
THE TARGET:

The student's understanding of and ability to apply targeted content knowledge and skills represented by the Essential Elements is **approaching the target**.

AT TARGET:

The student's understanding of and ability to apply content knowledge and skills represented by the Essential Elements is **at target**.

ADVANCED:

The student demonstrates **advanced** understanding of and ability to apply targeted content knowledge and skills represented by the Essential Elements.

Grade- and Content-Specific Performance Level Descriptors

A student who achieves at the **approaching the target** performance level typically identifies repeated calculations, looks for and makes use of mathematical structures, and models with mathematics.

The student identifies repeated calculations by:

- modeling and solving repeated addition (for example, $2 + 2 + 2$ or $4 + 4 + 4$)
- modeling and solving repeated subtraction (for example, $10 - 2 - 2 - 2 - 2$)

The student looks for and makes use of mathematical structures by:

- matching identical two-dimensional and three-dimensional shapes

The student models with mathematics by:

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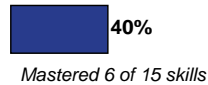
Performance Profile, continued

Grade- and Content-Specific Performance Level Descriptors cont.

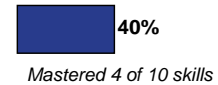
- recognizing increasing or decreasing patterns (for example, 1, 3, 5 . . . or 8, 6, 4 . . .)
- recognizing line plots, bar graphs, and picture graphs
- recognizing lines, line segments, points, and rays

Conceptual Area/Claim/Domain Bar Graphs Claim

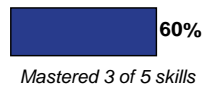
Students demonstrate increasingly complex understanding of number sense



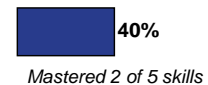
Students demonstrate increasingly complex spatial reasoning and understanding of geometric principles



Students demonstrate increasingly complex understanding of measurement, data, and analytic procedures



Students solve increasingly complex mathematical problems, making productive use of algebra and functions



More information about Susie's performance on each Essential Element that make up the Claims is located in the Learning Profile.

Learning Profile Header

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Learning Profile Text

Susie's performance in 7th grade Mathematics Essential Elements is summarized below. This information is based on all of the DLM tests Susie took during the 2016-17 school year. Grade 7 had 14 Essential Elements in 4 Claims available for instruction during the 2016-17 school year. The minimum required number of Essential Elements for testing in 7th grade was 7. Susie was tested on 5 Essential Elements in 4 of the 4 Claims.

In order to master an Essential Element, a student must master a series of skills leading up to the specific skill identified in the Essential Element. This table describes what skills your child demonstrated in the assessment and how those skills compare to grade level expectations.

Green shading shows levels mastered this year. Blue shading shows Essential Elements with no evidence of mastery. No shading indicates the Essential Element was not assessed this year.

Learning Profile Essential Elements (EE) Table

Claim	Essential Element	Level Mastery				
		1	2	3	4 (Target)	5
M.C1	M.7.NS.2.c-d	Recognize separateness and objects in a set	Recognize whole on a set model	Recognize one tenth/tenths on a set model	Explain decimal; represent fraction as decimal	Explain place value for tenths; compare decimals
M.C1	M.7.RP.1-3	Recognize set, subset, and separateness	Partition shapes; know fraction/unit fraction	Explain ratio; recognize many to 1 ratio	Recognize/represent many to many ratios	Explain rates as ratios
M.C1	M.7.NS.3	Recognize objects in a set and separate objects	Recognize one tenth/tenths on set model	Represent decimal to tenths as a fraction	Compare two decimals to tenths using symbols	Compare two decimals to hundredths using symbols
M.C1	M.7.NS.1	Recognize separate objects and objects in a set	Recognize parts of a given whole or unit	Add and subtract fractions; decompose fractions	Add fractions with common denominators	Add/subtract fractions with denominators of 10 and 100

Levels mastered this year
 No evidence of mastery on this Essential Element
 Essential Element not tested

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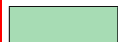


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Learning Profile Essential Elements (EE) Table cont.

Claim	Essential Element	Level Mastery				
		1	2	3	4 (Target)	5
M.C1	M.7.NS.2.a	Recognize objects in a set and separate objects	Model, solve, and explain repeated addition problems	Demonstrate the concept of multiplication	Multiply by numbers 1-10, up to a product of 20	Know the relationship between multiplication and division
M.C1	M.7.NS.2.b	Recognize set, subset, and separateness	Explain, represent, and solve repeated subtraction	Demonstrate the concept of division	Divide numbers up to 20 by factors 1-5, 10	Know the relationship between multiplication and division
M.C2	M.7.G.1	Pay attention; notice new things	Recognize same or different objects	Match identical 2-D and 3-D shapes	Match similar 2-D and 3-D shapes	Match similar 2-D and 3-D shapes
M.C2	M.7.G.2	Recognize objects that are the same or different	Recognize basic 2-D and 3-D shapes	Describe attributes of shapes	Match shapes to specified attributes	Classify shapes based on specified attributes
M.C2	M.7.G.5	Recognize attributes of an object	Recognize point, ray, and line	Recognize angle	Recognize acute, obtuse, and right angles	Compare angles to a right angle
M.C2	M.7.G.4	Recognize attribute values	Recognize and explain the measurable attributes of an object	Explain length and perimeter	Find the perimeter by adding all sides or unit lengths	Find the perimeter of polygons using coordinates
M.C3	M.7.SP.3	Classify objects; arrange objects by a rule	Recognize line plots, bar graphs, and picture graphs	Know peaks, outliers, and symmetric distribution	Assess variability; compare shapes of two data set	Draw inferences based on shape and spread
M.C3	M.7.SP.5-7	Recognize attribute values	Classify objects	Recognize outcomes of an event	Classify events as possible or impossible	Recognize the probability of an event



Levels mastered this year



No evidence of mastery on this Essential Element



Essential Element not tested

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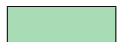


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Learning Profile Essential Elements (EE) Table cont.

Claim	Essential Element	Level Mastery				
		1	2	3	4 (Target) 	5
M.C4	M.7.EE.1	Combine and partition sets	Demonstrate properties of addition/multiplication	Apply properties of addition and multiplication	Recognize equivalent expressions	Write two equivalent expressions for word problems
M.C4	M.7.EE.2	Identify patterns occurring in nature or life	Recognize patterns and sequences	Recognize increasing or decreasing patterns	Recognize arithmetic sequences	Recognize recursive rules for arithmetic sequences



Levels mastered this year



No evidence of mastery on this Essential Element



Essential Element not tested

