


Charting a path for your students

Using easyCBM data to drive instruction

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Highlights of Major work in K-8

- K-2 Addition and subtraction-concepts, skills, and problem solving; place value
- 3-5 Multiplication and division of whole numbers and fractions – concepts, skills, and problem solving
- 6 Ratios and proportional relationships; early expressions and equations
- 7 Ratios and proportional relationships; arithmetic of rational numbers (integer focus)
- 8 Linear algebra and linear functions

A Story of Units – the study of number sense and arithmetic

A Story of Ratios – the study of ratios, rates, proportional relationships, and percent

Required Fluencies

Kindergarten Add and subtract within 5

Grade 1 Add and subtract within 10

Grade 2 Single digit sums and differences (automaticity by the end of grade 2); Add and subtract within 100

Required Fluencies

Grade 3 Single digit products and quotients (product automaticity by the end of grade 3); add and subtract within 1,000

Grade 4 Add and subtract within 1,000,000

Grade 5 Multi digit multiplication

Required Fluencies

Grade 6 Multi digit division; multi digit decimal operations

Grade 7 Solve two step equations in the form of $px + q = r$ and $p(x + q) = r$

Grade 8 Solve simple 2×2 systems of equations by inspection/substitution

Grade 4 Common Core Emphasis

- Operations and Algebraic Thinking
- Number and Operations in Base Ten
- Number and Operations – Fractions (decimal equivalents are posttest)
- Operations and Algebraic Thinking
- Measurement and Data (unit conversions are posttest)
- Operations and Algebraic Thinking
- Measurement and Data
- Geometry

Priority 2 →

Priority 1 →

Priority 3 →

- *Numbers and Operations - Fractions*
- *Operations and Algebraic Thinking*
- *Measurement and Data*

Easy CBM correlations in a

Grade K easyCBM

- Number & Operations
- Measurement
- Number & Operations in Base Ten
- Measurement & Data
- Geometry
- Counting and Cardinality
- Number & Operations & Algebra
- Operations & Algebraic Thinking

Grade K Common Core Emphasis

- Counting and Cardinality
- Operations and Algebraic Thinking
- Number and Operations in Base Ten
- Measurement and Data
- Measurement and Data
- Geometry
- Geometry


Easy CBM correlations in a

Grade 1 easyCBM


- Geometry
- Measurement
- Measurement & Data
- Number & Operations
- Number & Operations in Base Ten
- Number & Operations & Algebra
- Operations & Algebraic Thinking

Grade 1 Common Core Emphasis


- Operations and Algebraic Thinking
- Number and Operations in Base Ten
- Measurement and Data
- Measurement and Data
- Measurement and Data
- Geometry

Easy CBM correlations in a 

Grade 2 easyCBM	Grade 2 Common Core Emphasis
<ul style="list-style-type: none"> • Geometry • Measurement • Measurement & Data • Number & Operations • Number & Operations – Fractions • Number & Operations in Base Ten • Number & Operations & Algebra • Operations & Algebraic Thinking 	<ul style="list-style-type: none"> • Operations and Algebraic Thinking • Number and Operations in Base Ten • Measurement and Data • Operations and Algebraic Thinking • Measurement and Data • Geometry

Easy CBM correlations in a 

Grade 3 easyCBM	Grade 3 Common Core Emphasis
<ul style="list-style-type: none"> • Geometry • Measurement • Measurement & Data • Number & Operations • Number & Operations – Fractions • Number & Operations in Base Ten • Number & Operations & Algebra • Operations & Algebraic Thinking 	<ul style="list-style-type: none"> • Operations and Algebraic Thinking • Number and Operations – Fractions • Measurement and Data • Measurement and Data (rulers with halves and fourths are posttest) • Geometry (categorize quadrilaterals is posttest) • Number and Operation in Base Ten • Measurement & Data (all posttest)

Easy CBM correlations in a 

Grade 4 easyCBM	Grade 4 Common Core Emphasis
<ul style="list-style-type: none"> • Geometry • Measurement & Data • Number & Operations • Number & Operations – Fractions • Number & Operations in Base Ten • Number & Operations & Algebra • Operations and Algebraic Thinking 	<ul style="list-style-type: none"> • Operations and Algebraic Thinking • Number and Operations in Base Ten • Number and Operations – Fractions (decimal equivalents are posttest) • Operations and Algebraic Thinking • Measurement and Data (unit conversions are posttest) • Operations and Algebraic Thinking • Measurement and Data • Geometry

Easy CBM correlations in a

Grade 5 easyCBM

- Expressions & Equations
- Geometry
- Geometry, Measurement, Algebra, Measurement & Data
- Numbers & Operations-Fractions
- Numbers & Operations in Base Ten
- Operations & Algebraic Thinking
- Ratios & Proportional Relationships
- The Number System

Grade 5 Common Core Emphasis

- Number and Operations in Base Ten
- Number and Operations-Fractions
- Measurement and Data
- Measurement and Data
- Operations and Algebraic Thinking (some posttest)
- Geometry (some posttest)

Easy CBM correlations in a

Grade 6 easyCBM

- Algebra
- Data Analysis, Number & Operations & Algebra
- Expressions & Equations
- Geometry
- Measurement & Data
- Number & Operations – Connect ratio & rate
- Number & Operations in Base Ten
- Operations and Algebraic Thinking
- Ratios & Proportional Relationships
- Statistics & Probability
- The Number System

Grade 6 Common Core Emphasis

- Ratios & Proportional Relationships
- The Number System
- Expressions & Equations
- Measurement and Data
- The Number System
- Statistics and Probability (all posttest)

Easy CBM correlations in a

Grade 7 easyCBM

- Expressions & Equations
- Functions
- Geometry
- Measurement, Geometry & Algebra
- Number & Operations and Algebra
- Operations and Algebraic Thinking
- Ratios & Proportional Relationships
- Statistics & Probability
- The Number System

Grade 7 Common Core Emphasis

- Ratios & Proportional Relationships
- The Number System
- Expressions & Equations
- Statistics and Probability
- Geometry (cross sections and constructions are posttest)
- Statistics and Probability

Easy CBM correlations in a

Grade 8 easyCBM

- Algebra
- Expressions & Equations
- Functions
- Geometry
- Geometry & Measurement (posttest)
- Ratios & Proportional Relationships
- Statistics & Probability
- The Number System

Grade 8 Common Core Emphasis

- Expressions & Equations
- Functions
- Geometry (Pythagorean Theorem is posttest)
- The Number System (rational and irrational are posttest)
- Statistics and Probability
- Geometry

Easy CBM + CCSS = Targeted Success

easyCBM - Request	Request Content	Percentage	Student Needs Scorecard
001	Math Foundations	100%	
002	Measurement & Data	100%	
01	Number and Operations and Algebra	100%	
1	Operations & Algebraic Thinking	100%	
20	Geometry	100%	
21	Operations & Algebraic Thinking	100%	
27	Geometry	100%	
28	Number & Operations - Base Ten	100%	
29	Number & Operations - Fractions	100%	
30	Operations & Algebraic Thinking	100%	
31	Number & Operations - Base Ten	100%	
32	Measurement & Data	100%	
33	Number and Operations and Algebra	100%	
34	Number & Operations - Fractions	100%	
35	Number & Operations - Fractions	100%	
36	Number & Operations - Fractions	100%	
37	Number & Operations - Fractions	100%	
38	Number & Operations - Fractions	100%	
39	Number & Operations - Fractions	100%	
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100	Number & Operations - Fractions	100%	

Grade 4 Common Core Emphasis

- Operations and Algebraic Thinking
- Number and Operations in Base Ten
- Number and Operations – Fractions (decimal equivalents are posttest)
- Operations and Algebraic Thinking
- Measurement and Data (unit conversions are posttest)
- Operations and Algebraic Thinking
- Measurement and Data
- Geometry

Easy CBM + CCSS = Targeted Success


Cluster Emphasis	Domain	Cluster	Standard
Major Clusters	Operations and Algebraic Thinking	Represent and solve problems involving multiplication and division.	4.OA.1 ✓
			4.OA.2 ✓
			4.OA.3 ✓
			4.NBT.1 ✓
			4.NBT.2 ✓
Number and Operations in Base Ten	Use place value understanding and properties of operations to perform	operations.	4.NBT.3 ✓
			4.NBT.4 ✓
			4.NBT.5 ✓
			4.NF.1 ✓
Number and Operations – Fractions	Extend understanding of fraction equivalence and ordering.	Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.	4.NF.2 ✓
			4.NF.3 ✓
			4.NF.4 ✓
			4.NF.5 ✓
Number and Operations – Fractions	Understand decimal notation for fractions, and compare decimal fractions.		4.NF.6 ✓
			4.NF.7 ✓
			4.NF.8 ✓

Grade emphasis table with standards

Standards with deeper emphasis

Easy CBM + CCSS = Targeted Success

Grade 4
Number and
Operations -
Fractions
4.NF.1-4




Commoncoresheets.com
Learnzillion.com
K-5mathteachingresources.com

Target your instruction

Supplement with
fluency

Make connections



- <https://sites.google.com/oswego-boces.org/k-12-math/home>
