BeCALM/CCRASE Crosswalk by BeCALM Unit

BeCALM Number Sense

Learning Objectives	CCRSAE
I can estimate the total when adding several amounts.	2.NBT.6–9, 3.OA.8, MP.5
I can explain my strategy for estimating to others.	MP.3
I can round to the nearest dollar or the nearest ten dollars.	3.NBT.1
I can find pairs of numbers that add together easily.	1.OA.6, 2.NBT.6–9, 3.OA.8
I can estimate the total when adding several amounts.	2.NBT.6–9
I can explain my strategy for estimating to others.	MP.3
I can read a gauge.	3.MD.1–2, 4.MD.2
I can write a true equation.	1.OA.7
I can give a reason why one choice doesn't belong with the group.	MP.3
I can keep working on a challenging problem even if I don't understand it right away.	MP.1
I can fill in missing numbers on a number line.	2.MD.6, also with intervals of lengths greater than 1*

BeCALM/CCRASE Crosswalk by BeCALM Unit

BeCALM Operation Sense

Learning Objectives	CCRSAE
I can round numbers to the nearest ten and hundred.	3.NBT.1
I can read and write large numbers in the hundreds and thousands.	2.NBT.1–4
I can order and locate numbers in the hundreds and thousands on a number line.	2.NBT.1–4
I can use a number line to explain my addition and subtraction strategies.	2.NBT.7
I can count up and down by 10s and 1s to solve addition and subtraction problems.	2.NBT.7–8
I can write equations to match my strategies.	2.OA.1
I can recognize subtraction problems that involve a missing amount, comparison, or take away.	2.OA.1
I can explain why the regrouping strategy works.	2.NBT.9
I can break a number down into 1's, 10's, 100's, and 1,000's in multiple ways.	2.NBT.1–3, 4.NBT.1, 5.NBT.1–2
I can easily add or subtract 10's, 100's, or 1,000's without a calculator.	2.NBT.7–8
I can use parentheses to represent multiplication.	5.OA.1 (parentheses as mult. only)
I can give a reason why one choice doesn't belong with the group.	MP.3
I can keep working on a challenging problem even if I don't understand it right away.	MP.1
I can fill in missing numbers on a number line.	2.MD.6, also with intervals of lengths greater than 1*

BeCALM/CCRASE Crosswalk by BeCALM Unit

BeCALM Multiplication Concepts

Learning Objectives	CCRSAE
I can identify factors and products.	3.OA.1, 4.OA.4
I can see and describe visual patterns in factors and products.	3.OA.1, 3.OA.3, 3.OA.5, 3.OA.7, 3.OA.9, 4.OA.4, 3.MD.7, MP.7
I can find number patterns in factors and products.	3.OA.1, 3.OA.3, 3.OA.5, 3.OA.7, 3.OA.9, 4.OA.4, MP.7
I understand that the equal sign means that the right and left side have the same value.	1.OA.7, extended to multiplication
I can express repeated addition as multiplication.	3.OA.1, 3.OA.3
I can use arrays to model multiplication expressions and scenarios.	3.OA.1, 3.OA.3, 3.OA.5, 3.MD.7, MP.4
I can find equivalent expressions for an array. *(Array of the Day)*	3.OA.5
I can break multiplication problems into smaller parts with an array.	3.OA.5, 3.MD.7
I can break multiplication into smaller parts with numbers.	3.OA.5
I can complete an invoice, using multiplication to find the total cost.	3.OA.3
I can break up a pattern into smaller parts. (*Quick Images*)	MP.7
I can write expressions equal to a target number. (*Number of the Day*)	5.OA.1–2, starting with simple expressions
I can decide if a math sentence is true or false. *(Two Truths and a Lie)*	1.OA.7, extended to multiplication

BeCALM/CCRASE Crosswalk by BeCALM Unit

BeCALM Division Concepts

Learning Objectives	CCRSAE
I can divide an amount by sharing or passing out the amount into equal groups.	MP.4, 3.OA.2–3, 4.NBT.6 (up to three-digit divisors, extension up to four-digit divisors)
I can read and write division equations correctly.	3.OA.2–4
I can use multiplication to help me solve and check division problems.	3.OA.1–6
I can write fact families for factors and products.	3.OA.5–6
I can use the symbols < and > to show which amount is greater or less.	2.MBT.4, extended to inequalities involving numerical expressions
I can solve division problems using repeated subtraction (How many ___ in ___?)	MP.4, 3.OA.2–4
I can show division on a number line.	3.OA.3
I can find factors of a number.	4.OA.4
I can estimate the answer to a division problem.	3.OA.8 (focus on rounding)
I can make sense of remainders in context.	MP.2, 4.OA.3
I can use division to convert common measurement units.	4.OA.3, 4.MD.2
I can make sense of remainders in context.	MP.2, 4.OA.3
I can write expressions equal to a target number (*Number of the Day*).	5.OA.1–2, starting with simple expressions
I can write true equations with operations on both sides. (*Two Truths and a Lie, Writing Equations*)	1.OA.7, extended to division

BeCALM/CCRASE Crosswalk by BeCALM Unit

Learning Objectives	CCRSAE
I can decide if a math sentence is true or false. (*Two Truths and a Lie*)	1.OA.7, extended to multiplication and division. 2.MBT.4, extended to inequalities involving numerical expressions
I can keep working on a challenging problem even if I don't understand it right away. *(Open Middle)*	MP.1

BeCALM/CCRASE Crosswalk by BeCALM Unit

BeCALM Geometry

Learning Objectives	CCRSAE
I can break a shape into simpler shapes.	Analyze, compare, create, compose shapes. (K.G.4)
I can put simple shapes together to make a new shape.	K.G.4
I can identify a rectangle.	K.G.4
I can find half of different types of shapes.	Reason with shapes and their attributes. (2.G.3, 3.G.2, halves only)
I can find a line of symmetry in a shape.	Reason with shapes and their attributes. (2.G.1)
I can identify a right angle in a shape.	Draw and identify lines and angles, and classify shapes by properties of their lines and angles. (4.G.1)
I can identify parallel lines in a shape.	Draw and identify lines and angles, and classify shapes by properties of their lines and angles. (4.G.1)
I can identify triangles and trapezoids.	Reason with shapes and their attributes. (2.G.1, 3.G.1)

BeCALM/CCRASE Crosswalk by BeCALM Unit

BeCALM Measurement and Data

Learning Objectives	CCRSAE
I can measure the same distance using large and small steps.	1.MD.2
I can make a dot plot of measurement data.	1.MD.4, 2.MD.10, 3.MD.4
I can write directions to get from one place to another.	1.MD.2
I can find the median and range of a group of measurements.	1.MD.4, 2.MD.10, 3.MD.4
I can use a ruler, yardstick, or measuring tape to measure length.	2.MD.2, MP.5
I can measure length to the nearest foot, inch, or centimeter.	2.MD.2
I can use correct grammar to compare the lengths of two objects.	2.MD.4
I can use familiar benchmarks to estimate length in different units.	2.MD.3, MP.6
I can use correct vocabulary and grammar to identify the dimensions of an object.	–
I can measure and compare dimensions to find a piece of furniture that would fit in a given space.	2.MD.2–4, MP.3, MP.5

BeCALM/CCRASE Crosswalk by BeCALM Unit

BeCALM Benchmark Fractions

(in development)

Learning Objectives Note: Fraction/decimal/percentage equivalents for all benchmarks taught together.	CCRSAE
Use sense making strategies to find ½ of a whole.	3.NF.1–3, 3.G.2
Determine whether a fractional amount is more than, less than, or equal to ½.	3.NF.3, 4.NF.2
Find the whole when ½ is known.	3.NF.1–3
Use correct grammar when describing parts and wholes.	–
Measure length to the nearest ½ inch.	2.MD.2–4
Find one–fourth of a quantity using multiple strategies, including finding half of half or dividing by four.	3.NF.1–3
Use ¼ to make sense of non-benchmark fractions.	3.NF.3, 4.NF.2
Define ¾ by its relationship to ¼.	3.NF.1–3
Find the whole when ¼ is known.	3.NF.1–3
Measure length to the nearest ¼ inch.	2.MD.2–4
Interpret data representations, including pie charts, using benchmark fractions.	1.MD.4, 2.MD.10

BeCALM/CCRASE Crosswalk by CCRSAE Domain

Number and Operations: Base Ten

Level B	
Understand place value.	BeCALM Operation Sense (2.NBT.1–4) BeCALM Division (2NBT.4)
Use place value understanding and properties of operations to add and subtract.	BeCALM Number Sense (2.NBT.6–9) BeCALM Operation Sense (2.NBT.7–8)
Use place value understanding and properties of operations to perform multi-digit arithmetic.	BeCALM Number Sense (3.NBT.1) BeCALM Operation Sense (3.NBT.1)
Level C	
Generalize place value understanding for multi-digit whole numbers.	BeCALM Operation Sense (4.NBT.1)
Understand the place value system.	BeCALM Operation Sense (5.NBT.1–2)

Number and Operations: Fractions

Level B	
Develop understanding of fractions as numbers.	BeCALM Benchmark Fractions (3.NF.1–3)
Level C	
Extend understanding of fraction equivalence and ordering.	BeCALM Benchmark Fractions (4.NF.2)

BeCALM/CCRASE Crosswalk by CCRSAE Domain

Operations and Algebraic Thinking

Level A	
Add and subtract within 20.	BeCALM Number Sense (1.OA.6)
Work with addition and subtraction.	BeCALM Number Sense (1.OA.7) BeCALM Multiplication Concepts (1.OA.7) BeCALM Division Concepts (1.OA.7)
Level B	
Represent and solve problems involving addition and subtraction.	BeCALM Operation Sense (2.OA.1)
Represent and solve problems involving multiplication and division.	BeCALM Multiplication Concepts (3.OA.1, 3.OA.3) BeCALM Division Concepts (3.OA.1–4)
Understand properties of multiplication and the relationship between multiplication and division.	BeCALM Multiplication Concepts (3.OA.5) BeCALM Division Concepts (3.OA.5–6)
Multiply and divide within 100.	BeCALM Multiplication Concepts (3.OA.7) BeCALM Division Concepts (3.OA.7)
Solve problems involving the four operations, and identify and explain patterns in arithmetic.	BeCALM Number Sense (3.OA.8) BeCALM Multiplication Concepts (3.OA.9)
Level C	
Use the four operations with whole numbers to solve problems.	BeCALM Division Concepts (4.OA.3)
Gain familiarity with factors and multiples.	BeCALM Multiplication Concepts (4.OA.4) BeCALM Division Concepts (4.OA.4)
Write and interpret numerical expressions.	BeCALM Operation Sense (5.OA.1) BeCALM Multiplication Concepts (5.OA.1–2) BeCALM Division Concepts (5.OA.1–2)

BeCALM/CCRASE Crosswalk by CCRSAE Domain

Geometry

Level A	
Analyze, compare, create, and compose shapes.	BeCALM Geometry (K.G.4)
Level B	
Reason with shapes and their attributes.	BeCALM Geometry (2.G.1, 2.G.3, 3.G.1–2) BeCALM Benchmark Fractions (3.G.2)
Level C	
Draw and identify lines and angles, and classify shapes by properties of their lines and angles.	BeCALM Geometry (4.G.1)

Measurement and Data

Level A	
Measure lengths indirectly by iterating length units.	BeCALM Measurement and Data (1.MD.2)
Represent and interpret data.	BeCALM Measurement and Data (1.MD.4) BeCALM Benchmark Fractions (1.MD.4)
Level B	
Measure and estimate lengths in standard units.	BeCALM Measurement and Data (2.MD.2–4) BeCALM Benchmark Fractions (2.MD.2–4)
Relate addition and subtraction to length.	BeCALM Number Sense (2.MD.6)
Solve problems involving measurement and estimation of intervals of time, liquid volume, and masses of objects.	BeCALM Number Sense (3.MD.1–2)

BeCALM/CCRASE Crosswalk by CCRSAE Domain

Represent and interpret data.	BeCALM Measurement and Data (2.MD.10, 3.MD.4) BeCALM Benchmark Fractions (2.MD.10)
Geometric measurement: understand concepts of area and relate to area of multiplication and addition.	BeCALM Multiplication Concepts (3.MD.5–7)
Level C	
Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.	BeCALM Number Sense (4.MD.2) BeCALM Division Concepts (4.MD.2)