



Connections with CCSSM

Crystal Caves

Kindergarten Standards for Mathematical Practice

- SMP1: Make sense of problems and persevere in solving them.
- SMP2: Reason abstractly and quantitatively.
- SMP3: Construct viable arguments and critique the reasoning of others.
- SMP4: Model with mathematics.
- SMP5: Use appropriate tools strategically.
- SMP6: Attend to precision.
- SMP7: Look for and make use of structure.
- SMP8: Look for and express regularity in repeated reasoning.

K.CC — Counting and Cardinality

Know number names and the count sequence.	K.CC.1; K.CC.2
Count to tell the number of objects.	K.CC.4a, b, c; K.CC.5
Compare numbers	K.CC.6

K.MD — Measurement and Data

Describe and compare measurable attributes.	K.MD.2
Classify objects and count the number of objects in each category.	K.MD.3

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1.NBT — Number and Operations in Base Ten

Extend the counting sequence.	1.NBT.1
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1.MD — Measurement and Data	
Represent and interpret data.	1.MD.4
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2.MD — Measurement and Data	
Represent and interpret data.	2.MD.10
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Fourth Grade Standards for Mathematical Practice • SMP1: Make sense of problems and persevere in solving them. • SMP2: Reason abstractly and quantitatively. • SMP3: Construct viable arguments and critique the reasoning of others. • SMP4: Model with mathematics. • SMP5: Use appropriate tools strategically. • SMP6: Attend to precision. • SMP7: Look for and make use of structure. • SMP8: Look for and express regularity in repeated reasoning.	
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Lake Logica

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Compare numbers.	K.CC.6

K.OA — Operations and Algebraic Thinking

Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.	K.OA.1; K.OA.2
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1.OA — Operations and Algebraic Thinking

Represent and solve problems involving addition and subtraction.	1.OA.1
Add and subtract within 20.	1.OA.5; 1.OA.6

Second Grade Standards for Mathematical Practice

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2.OA — Operations and Algebraic Thinking

Represent and solve problems involving addition and subtraction.	2.OA.1
Add and subtract within 20.	2.OA.2

Work with equal groups of objects to gain foundations for multiplication.	2.OA.3
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4.OA — Operations and Algebraic Thinking	
Use the four operations with whole numbers to solve problems.	4.OA.2
Gain familiarity with factors and multiples.	4.OA.4
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Compare numbers.

K.CC.6

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1.G — Geometry

Reason with shapes and their attributes.

1.G.3

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2.G — Geometry

Reason with shapes and their attributes.

2.G.3

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3.NF — Number and Operations - Fractions

Develop understanding of fractions as numbers.

3.NF.1; 3.NF.3a, b

Fourth Grade Standards for Mathematical Practice

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4.NF — Number and Operations - Fractions

Extend understanding of fraction equivalence and ordering.

4.NF.1

Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.

4.NF.3a, b

4.G — Geometry

Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

4.G.3

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Sky Bridge Summit

Kindergarten Standards for Mathematical Practice

- SMP1: Make sense of problems and persevere in solving them.
- SMP2: Reason abstractly and quantitatively.

• SMP3: Construct viable arguments and critique the reasoning of others. • SMP4: Model with mathematics. • SMP5: Use appropriate tools strategically. • SMP6: Attend to precision. • SMP7: Look for and make use of structure. • SMP8: Look for and express regularity in repeated reasoning.	
K.CC — Counting and Cardinality	
Know number names and the count sequence.	K.CC.1; K.CC.2; K.CC.3
Count to tell the number of objects.	K.CC.4a, b, c; K.CC.5
Compare numbers.	K.CC.7
K.OA — Operations and Algebraic Thinking	
Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.	K.OA.1; K.OA.2
K.MD — Measurement and Data	
Describe and compare measurable attributes.	K.MD.1; K.MD.2
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1.OA — Operations and Algebraic Thinking	
Represent and solve problems involving addition and subtraction.	1.OA.1; 1.OA.2
Add and subtract within 20.	1.OA.5; 1.OA.6
Work with addition and subtraction equations.	1.OA.8
1.NBT — Number and Operations in Base Ten	
Extend the counting sequence.	1.NBT.1
Use place value understanding and properties of operations to add and subtract.	1.NBT.4
1.MD — Measurement and Data	
Measure lengths indirectly and by iterating length units.	1.MD.2
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2.OA — Operations and Algebraic Thinking	

Represent and solve problems involving addition and subtraction.	2.OA.1
Add and subtract within 20.	2.OA.2
2.MD — Measurement and Data	
Measure and estimate lengths in standard units.	2.MD.1; 2.MD.3; 2.MD.4
Relate addition and subtraction to length.	2.MD.5
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3.OA — Operations and Algebraic Thinking	
Solve problems involving the four operations, and identify and explain patterns in arithmetic.	3.OA.8
3.NBT — Number and Operations in Base Ten	
Use place value understanding and properties of operations to perform multi-digit arithmetic.	3.NBT.2
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4.NF — Number and Operations - Fractions	
Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.	4.NF.3a, b, d
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5.NF — Number and Operations - Fractions	
Use equivalent fractions as a strategy to add and subtract fractions.	5.NF.2

Secret Stones

Kindergarten Standards for Mathematical Practice

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- SMP2: Reason abstractly and quantitatively.
- SMP3: Construct viable arguments and critique the reasoning of others.
- SMP4: Model with mathematics.

• SMP5: Use appropriate tools strategically. • SMP6: Attend to precision. • SMP7: Look for and make use of structure. • SMP8: Look for and express regularity in repeated reasoning.	
K.CC — Counting and Cardinality	
Know number names and the count sequence.	K.CC.1
Count to tell the number of objects.	K.CC.4a, b, c
Compare numbers	K.CC.6
K.G — Geometry	
Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).	K.G.1; K.G.2; K.G.3
Analyze, compare, create, and compose shapes.	K.G.4
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1.G — Geometry	
Reason with shapes and their attributes.	1.G.1
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2.MD — Measurement and Data	
Measure and estimate lengths in standard units.	2.MD.1; 2.MD.3
2.G — Geometry	
Reason with shapes and their attributes.	2.G.1; 2.G.2; 2.G.3
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3.NF — Number and Operations - Fractions	
Develop understanding of fractions as numbers.	3.NF.1
3.MD — Measurement and Data	
Geometric measurement: understand concepts of area and relate area to multiplication and to addition.	3.MD.5a, b; 3.MD.6; 3.MD.7a
Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.	3.MD.8
3.G — Geometry	
Reason with shapes and their attributes.	3.G.1; 3.G.2
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4.MD — Measurement and Data	
Geometric measurement: understand concepts of angle and measure angles.	4.MD.5a
4.G — Geometry	
Draw and identify lines and angles, and classify shapes by properties of their lines and angles.	4.G.1; 4.G.2
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5.G — Geometry	
Classify two-dimensional figures into categories based on their properties.	5.G.3; 5.G.4