bridges in mathematics

GRADE K

Bridges & Number Corner Third Edition

CORRELATIONS

2021 Oregon Mathematics Standards

number corner

K Mathematical Practice Standards

This list of citations is not exhaustive. We have provided citations to demonstrate students have many opportunities throughout the curriculum to engage in the practice standards.

Standard	Descriptor	Bridges in Mathematics	Number Corner
1	Make sense of problems and persevere in solving them.	Unit 1: M1 S4 Unit 2: M4 S3; M4 S4 Unit 3: M1 S3; M3 S2; M3 S5 Unit 4: M3 S1; M3 S2; M3 S3 Unit 5: M2 S5; M3 S3; M4 S2 Unit 6: M1 S1; M3 S1 Unit 7: M3 S1 Unit 8: M1 S2	October: Days in School March: Calendar Grid April: Computational Fluency May: Calendar Grid
2	Reason abstractly and quantitatively.	Unit 1: M1 S5; M4 S4 Unit 3: M2 S1; M3 S1; M4 S1 Unit 4: M1 S1 Unit 5: M1 S2 Unit 6: M2 S5; M3 S1; M4 S1 Unit 7: M1 S4; M2 S1; M3 S4; M4 S1 Unit 8: M1 S4; M2 S5; M3 S1; M4 S1	September: Calendar Collector October: Calendar Collector November: Calendar Collector, Computational Fluency December: Calendar Collector January: Calendar Collector, Computational Fluency February: Calendar Collector March: Calendar Collector April: Calendar Collector May: Calendar Collector
3	Construct viable arguments and critique the reasoning of others.	Unit 1: M1 S5 Unit 2: M1 S2; M2 S3; M3 S4 Unit 5: M4 S2; M4 S3 Unit 6: M1 S2; M1 S3	October: Calendar Collector November: Days in School February: Number Path March: Calendar Grid
4	Model with mathematics.	Unit 3: M1 S1; M2 S2; M3 S2 Unit 6: M3 S3 Unit 8: M1 S2; M2 S1; M3 S4; M4 S1	September: Days in School December: Calendar Grid January: Calendar Grid February: Computational Fluency March: Computational Fluency May: Calendar Collector

Standard	Descriptor	Citations	
This list of citations is not exhaustive. We have provided citations to demonstrate students have many opportunities throughout the curriculum to engage in the practice standards.			
5	Use appropriate tools strategically.	**Bridges in Mathematics** Unit 2: M2 S1; M2 S2; M2 S4 Unit 3: M2 S2 Unit 4: M2 S5 Unit 7: M1 S2; M3 S2 Unit 8: M2 S4	**Number Corner** April: Computational Fluency May: Calendar Grid
6	Attend to precision.	**Bridges in Mathematics** Unit 1: M1 S2; M2 S6; M4 S3 Unit 2: M1 S5; M3 S1; M4 S1 Unit 3: M3 S3 Unit 4: M2 S3; M3 S1 Unit 5: M1 S1; M2 S1; M4 S4 Unit 6: M1 S1; M2 S1 Unit 7: M1 S1; M2 S2 Unit 8: M1 S1; M2 S1; M4 S4	**Number Corner** October: Calendar Grid February: Calendar Grid, Number Path April: Number Path
7	Look for and make use of structure.	**Bridges in Mathematics** Unit 1: M2 S1; M3 S2; M4 S4 Unit 2: M1 S3; M2 S3; M3 S1; M4 S2 Unit 3: M1 S4; M2 S1; M3 S4; M4 S1 Unit 4: M1 S1; M2 S3; M4 S5 Unit 5: M1 S3; M2 S1; M4 S1 Unit 6: M1 S5; M2 S3; M3 S5; M4 S2 Unit 7: M1 S2; M2 S3; M4 S1 Unit 8: M2 S2	**Number Corner** September: Calendar Grid, Number Path, Computational Fluency October: Calendar Grid, Number Path, Days in School November: Calendar Grid, Number Path, Days in School December: Calendar Collector, Days in School January: Calendar Grid, Number Path February: Number Path, Days in School March: Number Path, Days in School April: Calendar Grid May: Computational Fluency, Number Path
8	Look for and express regularity in repeated reasoning.	**Bridges in Mathematics** Unit 2: M3 S4; M4 S2 Unit 3: M2 S3; M4 S4 Unit 4: M4 S2; M4 S4 Unit 5: M2 S2 Unit 6: M1 S2; M3 S4 Unit 8: M1 S3; M2 S3; M3 S2	**Number Corner** September: Computational Fluency October: Number Path, Computational Fluency November: Calendar Grid, Computational Fluency December: Number Path, Computational Fluency January: Number Path, Computational Fluency February: Calendar Collector, Days in School March: Number Path, Days in School April: Days in School

K OA — Algebraic Reasoning: Operations

Standard	Descriptor	Citations	
K.OA.A Understand addition and subtraction.			
K.OA.A.1	Represent addition as putting together and adding to and subtraction as taking apart and taking from using objects, drawings, physical expressions, numbers or equations.	**Bridges in Mathematics** Unit 2: M1 S1 Unit 3: M1 S1; M1 S2; M1 S3; M2 S2; M2 S5; M3 S1; M3 S2; M3 S5; M4 S3 Unit 4: M2 S1; M2 S2; M2 S3 Unit 6: M4 S4 Unit 7: M4 S3 Unit 8: M4 S2	**Number Corner** January: Computational Fluency
K.OA.A.2	Add and subtract within 10. Model authentic contexts and solve problems that use addition and subtraction within 10.	**Bridges in Mathematics** Unit 3: M1 S3; M2 S2; M3 S2 Unit 4: M2 S4; M2 S5 Unit 6: M3 S3; M4 S1; M4 S4 Unit 7: M3 S1; M3 S2; M3 S3 Unit 8: M1 S3; M1 S5	**Number Corner** March: Computational Fluency May: Calendar Grid
K.OA.A.3	Using objects or drawings, and equations, decompose numbers less than or equal to 10 into pairs in more than one way.	**Bridges in Mathematics** Unit 1: M2 S1; M2 S2; M3 S4; M3 S5 Unit 2: M1 S1; M2 S3; M2 S4 Unit 3: M1 S1; M1 S2; M3 S4; M4 S4 Unit 5: M1 S4; M1 S5 Unit 6: M4 S2; M4 S3; M4 S5 Unit 7: M3 S3; M3 S4 Unit 8: M2 S5; M4 S1	**Number Corner** October: Calendar Collector, Computational Fluency November: Computational Fluency December: Computational Fluency January: Calendar Grid, Computational Fluency February: Calendar Collector March: Calendar Collector April: Calendar Collector May: Calendar Collector

Standard	Descriptor	Citations	
K.OA.A Understand addition and subtraction.			
K.OA.A.4	By using objects, drawings, or equations, find the unknown number that makes 10 when added to a given number from 1–9.	**Bridges in Mathematics** Unit 3: M3 S5 Unit 7: M3 S4 Unit 8: M2 S5	**Number Corner** September: Computational Fluency October: Days in School November: Days in School January: Days in School February: Computational Fluency March: Calendar Grid April: Days in School
K.OA.A.5	Fluently add and subtract within 5 with accurate, efficient, and flexible strategies.	**Bridges in Mathematics** Unit 3: M3 S4; M3 S5 Unit 6: M2 S5; M4 S2; M4 S3 Unit 8: M4 S3	**Number Corner** September: Computational Fluency November: Computational Fluency March: Calendar Collector

K NCC — Numeric Reasoning: Counting and Cardinality

Standard	Descriptor	Citations	
K.NCC.A Know number names and the count sequence.			
K.NCC.A.1	Orally count to 100 by ones and by tens in sequential order.	**Bridges in Mathematics** Unit 1: M1 S1; M1 S2; M1 S4 Unit 3: M3 S1 Unit 4: M1 S1; M1 S2; M1 S3; M2 S4; M3 S2 Unit 5: M2 S4 Unit 6: M1 S3; M1 S4; M4 S1; M4 S2 Unit 7: M4 S1; M4 S4; M4 S5	**Number Corner** September: Calendar Collector, Number Path, Days in School October: Number Path, Days in School November: Number Path, Days in School December: Calendar Collector, Number Path, Days in School January: Number Path, Days in School February: Days in School March: Days in School April: Number Path, Days in School May: Number Path, Days in School
K.NCC.A.2	Count forward beginning from a given number within 100 of a known sequence.	**Bridges in Mathematics** Unit 3: M3 S2; M4 S2; M4 S5 Unit 4: M1 S1; M1 S2; M3 S2; M4 S3 Unit 5: M3 S1	**Number Corner** November: Number Path January: Number Path February: Calendar Collector, Number Path March: Number Path, Days in School April: Number Path May: Number Path
K.NCC.A.3	Identify number names, write numbers, and the count sequence from 0–20. Represent a number of objects with a written number 0–20.	**Bridges in Mathematics** Unit 1: M2 S4; M2 S5; M3 S3; M3 S6 Unit 5: M1 S3 Unit 6: M3 S1; M3 S2; M3 S4 Unit 7: M4 S1	**Number Corner** September: Number Path October: Number Path February: Number Path
K.NCC.B Count to tell the number of objects.			
K.NCC.B.4	Understand the relationship between numbers and quantities; connect counting to cardinality.	**Bridges in Mathematics** Unit 1: M2 S1; M2 S3; M3 S1; M3 S2; M3 S4; M3 S5 Unit 2: M1 S2; M2 S2; M3 S2; M3 S5; M3 S6 Unit 3: M1 S5; M2 S4; M4 S1 Unit 6: M3 S1 Unit 8: M3 S2	**Number Corner** September: Calendar Collector, Days in School November: Calendar Collector December: Calendar Collector, Number Path

Standard	Descriptor	Citations	
K.NCC.B Count to tell the number of objects.			
K.NCC.B.5	Count to answer "how many?" questions using up to 20 objects arranged in a variety of configurations or as 10 objects in a scattered configuration. Given a number from 1–20, count out that many objects.	**Bridges in Mathematics** Unit 1: M1 S3 Unit 2: M1 S3; M1 S4; M1 S5 Unit 3: M3 S3 Unit 5: M1 S3 Unit 7: M2 S1; M2 S3; M2 S4 Unit 8: M2 S2; M2 S3	**Number Corner** February: Calendar Grid March: Calendar Grid May: Computational Fluency
K.NCC.C Compare numbers.			
K.NCC.C.6	Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group.	**Bridges in Mathematics** Unit 1: M1 S3; M1 S4; M1 S5 Unit 2: M1 S4; M1 S5; M3 S3 Unit 5: M1 S4; M1 S5 Unit 6: M3 S5 Unit 8: M3 S2	**Number Corner** October: Calendar Collector January: Calendar Collector February: Calendar Grid
K.NCC.C.7	Compare two numbers between 1 and 10 presented as written numerals.	**Bridges in Mathematics** Unit 1: M1 S3; M1 S4; M1 S5 Unit 4: M1 S4; M1 S5 Unit 6: M3 S3 Unit 7: M2 S5 Unit 8: M3 S1	**Number Corner** January: Number Path

K NBT — Numeric Reasoning: Base Ten Arithmetic

Standard	Descriptor	Citations	
K.NBT.A Work with numbers 11–19 to gain foundations for place value.			
K.NBT.A.1	Compose and decompose from 11 to 19 into groups of ten ones and some further ones using objects, drawings, or equations.	**Bridges in Mathematics** Unit 6: M3 S1; M3 S2; M3 S4 Unit 7: M1 S4; M1 S5; M2 S1; M2 S2; M2 S3; M4 S2 Unit 8: M3 S3; M3 S5	**Number Corner** January: Calendar Collector February: Number Path May: Computational Fluency

K GM — Geometric Reasoning and Measurement

Standard	Descriptor	Citations	
K.GM.A Identify and describe shapes.			
K.GM.A.1	Describe objects in the environment using names of shapes and describe the relative positions of these objects in their environment.	**Bridges in Mathematics** Unit 5: M1 S1; M3 S1; M3 S2; M3 S3; M3 S4 Unit 6: M1 S5; M2 S1	**Number Corner** October: Calendar Grid November: Calendar Grid April: Calendar Grid
K.GM.A.2	Correctly name common two-dimensional and three-dimensional geometric shapes regardless of their orientations or overall size.	**Bridges in Mathematics** Unit 2: M4 S3; M4 S4 Unit 5: M2 S1; M2 S5; M4 S2; M4 S3; M4 S4; M4 S5 Unit 6: M2 S1	**Number Corner** September: Calendar Grid April: Calendar Grid
K.GM.A.3	Identify shapes as two-dimensional or three-dimensional.	**Bridges in Mathematics** Unit 6: M1 S1; M1 S2; M2 S1; M2 S2; M2 S3; M2 S4	**Number Corner** April: Calendar Grid
K.GM.B Analyze, compare, create, and compose shapes.			
K.GM.B.4	Analyze and compare two and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts and attributes.	**Bridges in Mathematics** Unit 5: M1 S1; M2 S1; M2 S2; M2 S3 Unit 6: M1 S1; M1 S2; M1 S5; M2 S2; M2 S4	**Number Corner** September: Calendar Grid
K.GM.B.5	Represent shapes in the world by building shapes from components and drawing shapes.	**Bridges in Mathematics** Unit 5: M2 S5; M3 S1; M3 S2; M3 S3; M3 S4; M4 S5 Unit 6: M1 S4: M2 S3	

Standard	Descriptor	Citations
K.GM.B Analyze, compare, create, and compose shapes.		
K.GM.B.6	Compose common shapes to form larger shapes.	**Bridges in Mathematics** Unit 2: M4 S1; M4 S2; M4 S3; M4 S4 Unit 5: M3 S2; M3 S3; M3 S4; M4 S5
K.GM.C Describe and compare measurable attributes.		
K.GM.C.7	Describe several measurable attributes of a single object using measurable terms, such as length or weight.	**Bridges in Mathematics** Unit 4: M3 S1; M3 S2; M3 S3; M3 S4 Unit 7: M1 S1; M1 S3 Unit 8: M2 S4
K.GM.C.8	Directly compare two objects with a measurable attribute in common, and describe which object has “more” or “less” of the attribute.	**Bridges in Mathematics** Unit 4: M3 S1; M3 S2; M3 S3; M3 S4; M3 S5 Unit 6: M1 S1; M1 S2; M1 S3; M1 S4; M1 S5 Unit 8: M2 S1

K DR — Data Reasoning

Standard	Descriptor	Citations	
K.DR.A Pose investigative questions and collect/consider data.			
K.DR.A.1	Generate questions to investigate situations within the classroom. Collect or consider data that can naturally answer questions by sorting and counting.	**Bridges in Mathematics** Unit 1: M1 S2 Unit 4: M4 S1 Unit 6: M1 S2 Unit 8: M3 S2; M3 S3	
K.DR.B Analyze, represent, and interpret data.			
K.DR.B.2	Analyze data sets by counting the number of objects in each category and interpret results by classifying and sorting objects by count.	**Bridges in Mathematics** Unit 1: M1 S3; M1 S4 Unit 2: M3 S3 Unit 4: M4 S1 Unit 6: M4 S4 Unit 8: M3 S4; M3 S5	**Number Corner** September: Calendar Collector October: Calendar Collector January: Calendar Collector February: Calendar Collector March: Calendar Collector