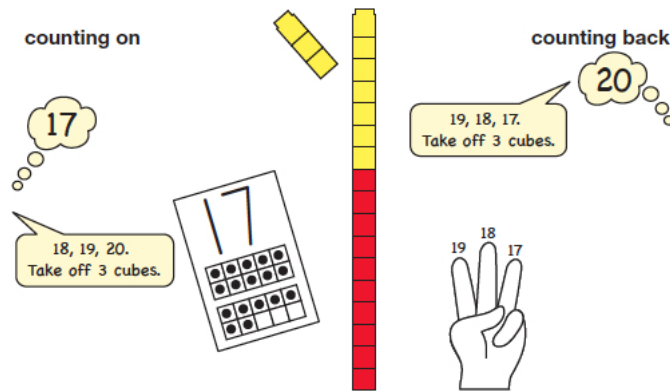


Grade K Month Overviews



Month 1

Students get to know each other and use direct models to compare. Students also apply the counting rules.

Focus on Major Work ⁱ	
K.CC.A	Know number names and the count sequence.
K.CC.B	Count to tell the number of objects.
K.CC.C	Compare numbers.
K.OA.A	Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.
Supporting Work	
K.MD.B	Classify objects and count the number of objects in categories.
K.G.B	K.G.B. Analyze, compare, create, and compose shapes.
Additional Work	
K.MD.A	Describe and compare measurable attributes.
Mathematical Practices	
MP2, 3, 4, 5, 6	

Month 2

In Lesson 1 students practice recognizing quantities in different arrangements (e.g., benchmarked, in a line, or scattered). In Lesson 2, students identify, describe, and extend repeating patterns. In Lesson 3, students compare quantities using direct modeling and counting strategies. In Lesson 4, students model and solve problems involving growing patterns.

Focus on Major Work	
K.CC.A	Know number names and the count sequence.
K.CC.B	Count to tell the number of objects.
K.CC.C	Compare numbers.
K.OA.A	Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.
Supporting Work	
K.MD.B	Classify objects and count the number of objects in categories.
Additional Work	
K.MD.A	Describe and compare measurable attributes.
Mathematical Practices	
MP2, 3, 4, 5, 6, 7, 8	

Month 3

In Lessons 1 and 2 students connect quantity to numeral as they continue to compare and order numbers. In Lesson 3 students find ways to partition and represent the partitions of five as they solve part-whole problems. In Lesson 4 they find ways to count on from a given quantity.

Focus on Major Work	
K.CC.A	Know number names and the count sequence.
K.CC.B	Count to tell the number of objects.
K.CC.C	Compare numbers.
K.OA.A	Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.
K.NBT.A	Work with numbers 11–19 to gain foundations for place value.
Supporting Work	
K.MD.B	Classify objects and count the number of objects in categories.
Mathematical Practices	
MP1, 2, 3, 4, 5, 6, 7	

Month 4

In Lesson 1 students continue to develop number sense by partitioning ten into two parts. In Lesson 2, they get to know the teen numbers better by improving their forward number sequence and counting strategies. Students then describe and identify two-dimensional shapes by describing the attributes of shapes and non-shapes.

Focus on Major Work	
K.CC.A	Know number names and the count sequence.
K.CC.B	Count to tell the number of objects.
K.OA.A	Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.
K.NBT.A	Work with numbers 11–19 to gain foundations for place value.
Supporting Work	
K.G.B	K.G.B. Analyze, compare, create, and compose shapes.
Additional Work	
K.G.A	Identify and describe shapes.
Mathematical Practices	
MP1, 2, 3, 4, 5, 6	

Month 5

Students focus on the structure of number this month. In Lesson 1 they analyze, extend, and make predictions from a growing pattern. They also use a growing pattern to identify quantities in relation to another quantity. In Lesson 2, students partition numbers 5 – 9 and learn to write and interpret number sentences. In Lessons 3 through 5 students get acquainted with 100 and explore ways to partition and represent 100. This month concludes with a 100th Day celebration.

Focus on Major Work	
K.CC.A	Know number names and the count sequence.
K.CC.B	Count to tell the number of objects.
K.CC.C	Compare numbers.
K.OA.A	Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.
K.NBT.A	Work with numbers 11–19 to gain foundations for place value.
Supporting Work	
K.MD.B	Classify objects and count the number of objects in categories.
Mathematical Practices	
MP1, 2, 3, 4, 5, 6, 7, 8	

Month 6

Students get to know and solve story problems that involve joining and separating during this month. While they sample a population, students find ways to compare quantities represented as numerals. They also find ways to partition teen numbers into ten ones and some more. During this month, students also sort, describe, and build three-dimensional shapes.

Focus on Major Work	
K.CC.A	Know number names and the count sequence.
K.CC.B	Count to tell the number of objects.
K.CC.C	Compare numbers.
K.OA.A	Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.
K.NBT.A	Work with numbers 11–19 to gain foundations for place value.
Supporting Work	
K.MD.B	Classify objects and count the number of objects in categories.
K.G.B	K.G.B. Analyze, compare, create, and compose shapes.
Additional Work	
K.G.A	Identify and describe shapes.
Mathematical Practices	
MP1, 2, 3, 4, 5, 6, 8	

Month 7

Students start this month by solving puzzles with shapes. They then explore strategies and representations that can be used to solve joining and separating problem situations. Students then explore area, mass, and capacity by solving some problems for the Three Little Pigs and the Three Bears. They end the month by counting feet as they solve join and part-whole problems.

Focus on Major Work	
K.CC.A	Know number names and the count sequence.
K.CC.B	Count to tell the number of objects.
K.CC.C	Compare numbers.
K.OA.A	Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.
K.NBT.A	Work with numbers 11–19 to gain foundations for place value.
Supporting Work	
K.G.B	K.G.B. Analyze, compare, create, and compose shapes.
Additional Work	
K.MD.A	Describe and compare measureable attributes.
Mathematical Practices	
MP1, 2, 3, 4, 5, 6, 7, 8	

Month 8

Students begin this month by revisiting strategies for partitioning 5s and 10s and fluently adding and subtracting within 5. They continue to explore equivalence by comparing mass and using the two-pan balance to solve compare problems. They then solve comparison problems within the context of the Eric Carle story *The Very Hungry Caterpillar*. The story *Six-Dinner Sid* then creates the context for solving equal share problems.

Focus on Major Work	
K.CC.A	Know number names and the count sequence.
K.CC.B	Count to tell the number of objects.
K.CC.C	Compare numbers.
K.OA.A	Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.
Supporting Work	
K.MD.B	Classify objects and count the number of objects in categories.
Additional Work	
K.MD.A	Describe and compare measureable attributes.
Mathematical Practices	
MP1, 2, 3, 4, 5, 6, 7, 8	

Month 9

Students begin this month by revisiting measurements and comparisons they made earlier in the year. In the second lesson, students create an obstacle course using position words. They end the month by analyzing and representing the patterns in the calendar and in the kindergarten year.

Focus on Major Work	
K.CC.A	Know number names and the count sequence.
K.CC.B	Count to tell the number of objects.
K.CC.C	Compare numbers.
K.OA.A	Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.
Additional Work	
K.MD.A	Describe and compare measurable attributes.
K.G.A	Identify and describe shapes.
Mathematical Practices	
MP1, 2, 3, 4, 5, 6, 7, 8	

ⁱ The *K–8 Publisher’s Criteria for the Common Core State Standards for Mathematics* identifies every cluster of standards as being either major work, supporting work, or additional work for its respective grade level. It calls for at least 65% of time to be devoted to the major work of the grade with supporting work and additional work engaging students in the major work of the grade where appropriate. See <http://achievethecore.org/shifts-mathematics> for more information.