K GRADE

Mathematics Curriculum

Topic D

Extend the Say Ten and Regular Count Sequence to 100

K.CC.1, K.CC.2, K.CC.3, K.CC.4c, K.CC.5, K.NBT.1, 1.NBT.1

Focus Standards:	K.CC.1	Count to 100 by ones and by tens.
	K.CC.2	Count forward beginning from a given number within the known sequence (instead of having to begin at 1).
Instructional Days:	5	
Coherence -Links from:	GPK–M5	Addition and Subtraction Stories and Counting to 20
-Links to:	G1–M2	Introduction to Place Value Through Addition and Subtraction Within 20

Topic D leads students beyond teen numbers up to 100 (**K.CC.1**). They begin by counting up and down to 100 both the regular way (ten, twenty, thirty, …) and the Say Ten way (ten, 2 tens, 3 tens, …). In Lessons 16 to 18, their work from 11 to 19 sets the foundation for success as they realize the number sequence of 1–9 is repeated over and over again within each decade as they count to 100. Students begin by counting within and then across decades (e.g., 28, 29, 30, 31, 32) (**K.CC.2**). Students also write some of the numbers ranging from 21 to 100 in Lessons 15 to 17, which goes beyond the Kindergarten standard to the Grade 1 standard **1.NBT.1**. Writing numerals 21 to 100 is included here because of the wider range of activities they make possible; students readily accept this challenge, which is not assessed. The final lesson of this topic is an optional exploration of decomposing numbers to 100 on the Rekenrek.

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A Teaching Sequence Toward Mastery of Extending the Say Ten and Regular Count Sequence to 100

Objective 1: Count up and down by tens to 100 with Say Ten and regular counting.
(Lesson 15)

Objective 2: Count within tens by ones.
(Lesson 16)

Objective 3: Count across tens when counting by ones through 40.
(Lesson 17)

Objective 4: Count across tens by ones to 100 with and without objects.
(Lesson 18)

Objective 5: Explore numbers on the Rekenrek. (Optional)
(Lesson 19)

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