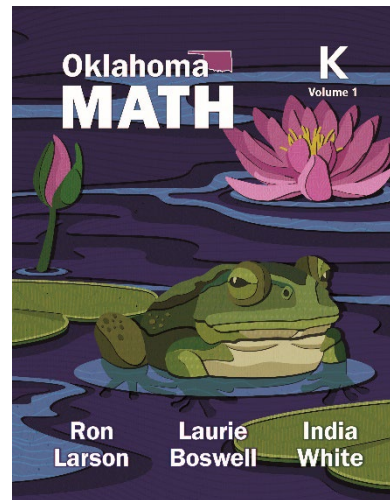


# Oklahoma Math Grade K

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Correlated to the Oklahoma Academic Standards for Mathematics



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**Kindergarten**

Standard	Oklahoma Math Grade K
<b>Kindergarten</b>	
<b>Numbers &amp; Operations (N)</b>	
<b>K.N.1.1</b> Count aloud forward in sequence to 100 by 1s and 10s	8.1 (pp. 407-412), 8.2 (pp. 413-418), 8.3 (pp. 419-424), 8.4 (pp. 425-430)
<b>K.N.1.2</b> Recognize that a number can be used to represent how many objects are in a set up to 10.	1.1 (pp. 3-8), 1.2 (pp. 9-14), 1.3 (pp. 15-20), 1.4 (pp. 21-26), 1.5 (pp. 27-32), 1.6 (pp. 33-38), 1.7 (pp. 39-44), 1.8 (pp. 45-50), 2.4 (pp. 77-82), 3.1 (pp. 97-102), 3.2 (pp. 103-108), 3.3 (pp. 109-114), 3.4 (pp. 115-120), 3.5 (pp. 121-126), 3.6 (pp. 127-132), 3.7 (pp. 133-138), 3.8 (pp. 139-144), 3.9 (pp. 145-150), 3.10 (pp. 151-156), 3.11 (pp. 157-162)
<b>K.N.1.3</b> Use ordinal numbers to represent the position of an object in a sequence up to 10.	3.12 (pp. 163-168)
<b>K.N.1.4</b> Recognize without counting (subitize) the quantity of a small group of objects in organized and random arrangements up to 10.	1.1 (pp. 3-8), 1.2 (pp. 9-14), 1.3 (pp. 15-20), 1.4 (pp. 21-26), 1.5 (pp. 27-32), 1.6 (pp. 33-38), 1.7 (pp. 39-44), 1.8 (pp. 45-50), 2.4 (pp. 77-82), 3.1 (pp. 97-102), 3.2 (pp. 103-108), 3.3 (pp. 109-114), 3.4 (pp. 115-120), 3.5 (pp. 121-126), 3.6 (pp. 127-132), 3.7 (pp. 133-138), 3.8 (pp. 139-144), 3.9 (pp. 145-150), 3.10 (pp. 151-156), 3.11 (pp. 157-162)
<b>K.N.1.5</b> Count forward, with and without objects, from any given number up to 20.	1.8 (pp. 45-50), 3.11 (pp. 157-162), 7.4 (pp. 387-392)
<b>K.N.1.6</b> Read, write, discuss, and represent whole numbers from 0 to at least 20. Representations may include numerals, pictures, real-object and pictographs, spoken words, and manipulatives.	1.1 (pp. 3-8), 1.2 (pp. 9-14), 1.3 (pp. 15-20), 1.4 (pp. 21-26), 1.5 (pp. 27-32), 1.6 (pp. 33-38), 1.7 (pp. 39-44), 1.8 (pp. 45-50), 2.4 (pp. 77-82), 3.1 (pp. 97-102), 3.2 (pp. 103-108), 3.3 (pp. 109-114), 3.4 (pp. 115-120), 3.5 (pp. 121-126), 3.6 (pp. 127-132), 3.7 (pp. 133-138), 3.8 (pp. 139-144), 3.9 (pp. 145-150), 3.10 (pp. 151-156), 3.11 (pp. 157-162), 6.1 (pp. 291-296), 6.2 (pp. 297-302), 6.3 (pp. 303-308), 6.4 (pp. 309-314), 6.5 (pp. 315-320), 6.6 (pp. 321-326), 6.7 (pp. 327-332), 6.8 (pp. 333-338), 6.9 (pp. 339-344), 6.10 (pp. 345-350), 6.11 (pp. 351-356), 7.1 (pp. 369-374), 7.2 (pp. 375-380), 7.3 (pp. 381-386), 7.4 (pp. 387-392)
<b>K.N.1.7</b> Find a number that is 1 more or 1 less than a given number up to 10.	4.4 (pp. 195-200)
<b>K.N.1.8</b> Compare and order whole numbers from 0 to 10 with and without objects, using the vocabulary "more than," "less than," or "equal to."	2.1 (pp. 59-64), 2.2 (pp. 65-70), 2.3 (pp. 71-76), 2.4 (pp. 77-82), 2.5 (pp. 83-88), 4.1 (pp. 177-182), 4.2 (pp. 183-188), 4.3 (pp. 189-194)

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K.N.2.1 Compose and decompose numbers up to 10 using objects and pictures	5.1 (pp. 235-240), 5.2 (pp. 241-246), 5.3 (pp. 247-252), 5.4 (pp. 253-258), 5.5 (pp. 259-264), 5.6 (pp. 265-270), 5.7 (pp. 271-276), 5.8 (pp. 277-282)
K.N.3.1 Distribute a set of objects into at least two smaller equal sets.	7.5 (pp. 393-398)
K.N.4.1 Identify pennies, nickels, dimes, and quarters by name.	4.8 (pp. 219-224)
<b>Algebraic Reasoning &amp; Algebra (A)</b>	
K.A.1.1 Sort and group up to 10 objects into a set based upon characteristics such as color, size, and shape. Explain verbally what the objects have in common.	4.5 (pp. 201-206), 4.6 (pp. 207-212), 4.7 (pp. 213-218)
K.A.1.2 Recognize, duplicate, complete, and extend repeating, increasing, and decreasing patterns in a variety of contexts (i.e., shape, color, size, objects, sounds, movement).	9.8 (pp. 483-488), 9.9 (pp. 489-494)
<b>Geometry &amp; Measurement (GM)</b>	
K.GM.1.1 Recognize squares, circles, triangles, and rectangles.	9.2 (pp. 447-452), 9.3 (pp. 453-458), 9.4 (pp. 459-464), 9.5 (pp. 465-470)
K.GM.1.2 Sort two-dimensional objects using characteristics such as shape and size.	9.1 (pp. 441-446)
K.GM.1.3 Identify attributes of two-dimensional shapes using informal and formal geometric language interchangeably, such as the number of corners/vertices and the number of sides/edges.	9.1 (pp. 441-446), 9.2 (pp. 447-452), 9.3 (pp. 453-458), 9.4 (pp. 459-464), 9.5 (pp. 465-470)
K.GM.1.4 Use smaller two-dimensional shapes to fill in the outline of a larger two-dimensional shape.	9.6 (pp. 471-476)
K.GM.1.5 Compose larger, undefined shapes and structures using three-dimensional objects.	10.3 (pp. 515-520)
K.GM.1.6 Use basic shapes and spatial reasoning to represent objects in the real world.	9.7 (pp. 477-482)
K.GM.2.1 Use words to compare objects according to length, size, weight,	3.12 (pp. 163-168), 10.4 (pp. 521-526), 11.1 (pp. 533-538), 11.2 (pp. 539-

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position, and location.	544), 11.4 (pp. 551-556), 11.5 (pp. 557-562), 11.6 (pp. 563-568)
<b>K.GM.2.2</b> Order up to 6 objects using measurable attributes, such as length and weight.	11.2 (pp. 539-544), 11.3 (pp. 545-550), 11.5 (pp. 557-562), 11.7 (pp. 569-574)
<b>K.GM.2.3</b> Identify more than one shared attribute between objects, and sort objects into sets.	10.1 (pp. 503-508), 10.2 (pp. 509-514), 11.8 (pp. 575-580)
<b>K.GM.2.4</b> Compare the number of objects needed to fill two different containers.	11.7 (pp. 569-574)
<b>K.GM.3.1</b> Develop an awareness of simple time concepts within daily life, using age-appropriate vocabulary (e.g., yesterday, today, tomorrow, morning, afternoon, night).	11.9 (pp. 581-586), 11.10 (pp. 587-592)
<b>Data &amp; Probability (D)</b>	
<b>K.D.1.1</b> Collect and organize information about objects and events in the environment.	4.6 (pp. 207-212)
<b>K.D.1.2</b> Use categorical data to create real-object graphs and pictographs.	4.7 (pp. 213-218), 4.8 (pp. 219-224)
<b>K.D.1.3</b> Draw conclusions from real-object graphs and pictographs	4.7 (pp. 213-218)