

Mathematics Grade Kindergarten
Year at a Glance

Unit	Duration	Assessed Standards	Big Ideas	Essential Questions	End of Unit Assessment
Unit 1: Counting and the Number System	18 days	K.CC.A.1 K.CC.A.3 K.CC.B.4a K.CC.B.4b K.CC.B.4c K.CC. B.5 K.MD.B.3 K.G.A.1 K.G.A.2	<ul style="list-style-type: none"> Know number names and the count sequence Count to tell the number of objects Classify objects and count the number of objects in each category Identify and describe shapes 	<ul style="list-style-type: none"> <i>What are efficient ways to count?</i> <i>How can objects be classified and sorted?</i> <i>How can shapes be identified and described?</i> 	<ul style="list-style-type: none"> BCPS Kindergarten Assessment (assessment to be given September, January, and April)
Unit 2: Measurement, Counting, and the Number System	27 days	K.CC.A.1 K.CC.A.3 K.CC.B.4a K.CC.B.4b K.CC.B.4c K.CC.B.5 K.CC.C.6 K.CC.C.7 K.MD.A.1 K.MD.A.2 K.MD.B.3	<ul style="list-style-type: none"> Know number names and the count sequence Count to tell the number of objects Compare numbers Describe and compare measurable attributes Classify objects and count the number of objects in each category 	<ul style="list-style-type: none"> <i>What are efficient ways to count?</i> <i>How can comparing numbers be used to determine which group has more or less?</i> <i>How can objects be classified and sorted?</i> 	<ul style="list-style-type: none"> BCPS Kindergarten Assessment (assessment to be given September, January, and April) <i>Investigations</i> End of Unit Assessment, Sessions 2.13 and 2.14
Unit 3: Patterns and Functions	27 days	K.CC.A.1 K.CC.A.2 K.CC.B.4a K.CC.B.4b K.CC.B.4c K.CC. B.5 K.MD.B.3 K.G.A.1 K.G.A.2	<ul style="list-style-type: none"> Know number names and the count sequence Count to tell the number of objects Compare numbers Classify objects and count the number of objects in each category Identify and describe shapes 	<ul style="list-style-type: none"> <i>What are efficient ways to count?</i> <i>How can comparing numbers help to determine what group has more or less?</i> <i>How can objects be classified and sorted?</i> <i>How can shapes be identified and described?</i> 	<ul style="list-style-type: none"> BCPS Kindergarten Assessment (assessment to be given September, January, and April) <i>Investigations</i> End of Unit Assessment, Sessions 3.6 and 3.7
Unit 4: Measurement and the Number System	33 days	K.CC.A.1 K.CC.A.3 K.CC.B.4a K.CC.B.4b K.CC.B.4c K.CC. B.5	<ul style="list-style-type: none"> Know number names and the count sequence Count to tell the number of objects Compare numbers 	<ul style="list-style-type: none"> <i>What are efficient ways to count?</i> <i>How can comparing numbers be used to determine which group has more or less?</i> 	<ul style="list-style-type: none"> BCPS Kindergarten Assessment (assessment to be given September, January, and April) <i>Investigations</i> End of Unit Assessment, Sessions 4.8 and 4.9

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		K.CC.C.6 K.CC.C.7 K.OA.A.1 K.OA.A.2 K.OA.A.3 K.OA.A.4 K.MD.A.1 K.MD.A.2 K.MD.B.3 K.G.A.1	<ul style="list-style-type: none"> Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from Describe and compare measurable attributes Classify objects and count the number of objects in each category Identify and describe relative positions 	<ul style="list-style-type: none"> <i>What are efficient strategies to solve addition and subtraction story problems?</i> <i>How can measurable attributes be used to compare objects?</i> <i>How can objects be classified and sorted?</i> <i>How can positional words be used to describe shapes in the environment?</i> 	
Unit 5: 2-D and 3-D Geometry	21 days	K.CC.A.1 K.CC.A.2 K.CC.B.4a K.CC.B.4b K.CC.B.4c K.MD.B.3 K.G.A.1 K.G.A.2 K.G.A.3 K.G.B.4 K.G.B.5 K.G.B.6	<ul style="list-style-type: none"> Know number names and the count sequence Count to tell the number of objects Classify objects and count the number of objects in each category Identify and describe shapes Analyze, compare, create, and compose shapes 	<ul style="list-style-type: none"> <i>What are efficient ways to count?</i> <i>How can objects be classified and sorted?</i> <i>How can shapes be identified and described?</i> <i>How can shapes be compared, created, and analyzed based upon their attributes?</i> 	<ul style="list-style-type: none"> BCPS Kindergarten Assessment (assessment to be given September, January, and April) <i>Investigations</i> End of Unit Assessment, Sessions 3.7 and 3.8
Unit 6: Addition, Subtraction, and the Number System	35 days	K.CC.A.1 K.CC.A.2 K.CC.A.3 K.CC.B.4a K.CC.B.4b K.CC.B.4c K.CC.B.5 K.CC.C.6 K.CC.C.7 K.OA.A.1 K.OA.A.2 K.OA.A.3 K.OA.A.4 K.OA.A.5 K.MD.A.1	<ul style="list-style-type: none"> Know number names and the count sequence Count to tell the number of objects Compare numbers Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from Describe and compare measurable attributes Classify objects and count the number of objects in each category 	<ul style="list-style-type: none"> <i>What are efficient ways to count?</i> <i>How can comparing numbers be used to determine which group has more or less?</i> <i>What are efficient strategies to solve addition and subtraction story problems?</i> <i>How can measurable attributes be used to compare objects?</i> <i>How can objects be classified and sorted?</i> <i>How can knowledge of place value concepts help to compose and decompose teen numbers?</i> 	<ul style="list-style-type: none"> BCPS Kindergarten Assessment (assessment to be given September, January, and April) <i>Investigations</i> End of Unit Assessment, Session 4.6

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		K.MD.B.3 K.NBT.A.1	<ul style="list-style-type: none"> • Work with numbers 11-19 to gain foundations for place value 		
Unit 7: Data Analysis	20 days	K.CC.A.1 K.CC.A.2 K.CC.B.4a K.CC.B.4b K.CC.B.4c K.CC. B.5 K.CC.C.6 K.MD.B.3	<ul style="list-style-type: none"> • Know number names and the count sequence • Count to tell the number of objects • Compare numbers • Classify objects and count the number of objects in each category 	<ul style="list-style-type: none"> • <i>What are efficient ways to count?</i> • <i>How can comparing numbers be used to determine which group has more or less?</i> • <i>How can objects be classified and sorted?</i> 	<ul style="list-style-type: none"> • BCPS Kindergarten Assessment (assessment to be given September, January, and April) • <i>Investigations</i> End of Unit Assessment, Sessions 3.4 and 3.5