Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade K	Math Investigations Gr K	1) Who is in School Today	4

Targeted Illinois Learning Standards Expectation: Practice

Counting and Cardinality (K.CC)

- **K.CC.4b: When counting objects, I can tell you that the last number name stated represents the total number of objects, and that the number of objects is the same regardless of their arrangement or the order in which they were counted (Major)**
- **K.CC.5a: I can count objects (0-10) in a scattered configuration. (Major)**
- **K.CC.5b: I can count objects (0-20) presented in at least two different ways (a line, a rectangular array, or a circle). (Major)**

Geometry (K.G)

- *K.G.2: I can name a shape regardless of its position or size. (Additional)*

Targeted Illinois Learning Standards Expectation: Mastery

Geometry (K.G)

- *K.G.1a: I can use positional words to tell where an object is located (above, below, beside, in front of, behind, and next to). (Additional)*
- *K.G.1b: I can describe things around me using names of two-dimensional shapes (Additional)*

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade K	Math Investigations Gr K	2) Counting and Comparing	2

Targeted Illinois Learning Standards Expectation: Practice

Counting and Cardinality (K.CC)

- **K.CC.1a: I can count by one's to 30 and I can count by ten's to 100. (Major)**
- **K.CC.1b: I can count by one's to 50 and I can count by ten's to 100. (Major)**
- **K.CC.1c: I can count to 100 by one's and ten's. (Major)**
- **K.CC.3a: I can write a numeral for the number of objects I counted (0-10). (Major)**
- **K.CC.3b: I can write a numeral for the number of objects I counted (0-20). (Major)**
- **K.CC.4a: When counting objects, I can say the number names in the standardorder, pairing each object with one and only one number name and each number name with one and only one object up. (Major)**
- **K.CC.4b: When counting objects, I can tell you that the last number name stated represents the total number of objects, and that the number of objects is the same regardless of their arrangement or the order in which they were counted (Major)**
- **K.CC.5a: I can count objects (0-10) in a scattered configuration. (Major)**
- **K.CC.5b: I can count objects (0-20) presented in at least two different ways (a line, a rectangular array, or a circle). (Major)**

Measurement and Data (K.MD)

- K.MD.3a: I can sort objects by categories. (Supporting)
- K.MD.3b: I can sort categories by count (Which group has the most/least?). (Supporting)

Number and Operations in Base 10 (K.NBT)

- **K.NBT.1a: I can put together or take apart numbers from 11-19 into tens and ones and show my work with equations (such as 18 = 1 ten + 8 ones or 18 = 10 + 8). (Major)**

Operations and Algebraic Thinking (K.OA)

- **K.OA.1: I can interpret addition story problems with manipulative, drawings, verbal explanations, or equations. (Major)**
- **K.OA.2: I can solve addition word problems within 10 using objects or drawings. (Major)**
- **K.OA.3: I can use objects or drawings to break apart numbers 1-10 into two sets in more than one way. (Major)**
- **K.OA.4: I can identify the number that makes 10 when added to a given number from 1-9 by recording the answer with an equation. (Major)**
- **K.OA.4: I can identify the number that makes 10 when added to a given number from 1-9 by using objects or drawings. (Major)**
- **K.OA.5: I can add the numbers 0 through 5 quickly and correctly. (Major)**

Targeted Illinois Learning Standards Expectation: Mastery

Geometry (K.G)

- *K.G.1a: I can use positional words to tell where an object is located (above, below, beside, in front of, behind, and next to). (Additional)*
- *K.G.1b: I can describe things around me using names of two-dimensional shapes (Additional)*

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade K	Math Investigations Gr K	3) What Comes Next	5

Targeted Illinois Learning Standards Expectation: Practice

Counting and Cardinality (K.CC)

- **K.CC.1a: I can count by one's to 30 and I can count by ten's to 100. (Major)**
- **K.CC.1b: I can count by one's to 50 and I can count by ten's to 100. (Major)**
- **K.CC.1c: I can count to 100 by one's and ten's. (Major)**
- **K.CC.4a: When counting objects, I can say the number names in the standardorder, pairing each object with one and only one number name and each number name with one and only one object up. (Major)**
- **K.CC.4b: When counting objects, I can tell you that the last number name stated represents the total number of objects, and that the number of objects is the same regardless of their arrangement or the order in which they were counted (Major)**
- **K.CC.5a: I can count objects (0-10) in a scattered configuration. (Major)**
- **K.CC.5b: I can count objects (0-20) presented in at least two different ways (a line, a rectangular array, or a circle). (Major)**
- **K.CC.6: I can identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group. (Major)**

Measurement and Data (K.MD)

- K.MD.3a: I can sort objects by categories. (Supporting)
- K.MD.3b: I can sort categories by count (Which group has the most/least?). (Supporting)

Targeted Illinois Learning Standards Expectation: Mastery

Geometry (K.G)

- *K.G.1a: I can use positional words to tell where an object is located (above, below, beside, in front of, behind, and next to). (Additional)*
- *K.G.1b: I can describe things around me using names of two-dimensional shapes (Additional)*
- *K.G.2: I can name a shape regardless of its position or size. (Additional)*

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade K	Math Investigations Gr K	4) Measuring and Counting	6

Targeted Illinois Learning Standards Expectation: Practice

Counting and Cardinality (K.CC)

- **K.CC.5a: I can count objects (0-10) in a scattered configuration. (Major)**
- **K.CC.5b: I can count objects (0-20) presented in at least two different ways (a line, a rectangular array, or a circle). (Major)**
- **K.CC.7: I can compare two numbers 1-10 and tell which is greater, which is less, and if they are equal. (Major)**

Measurement and Data (K.MD)

- *K.MD.1a: I can describe an object by its measureable attributes. (Additional)*
- *K.MD.1b: I can tell different ways to measure objects. (Additional)*
- *K.MD.2: I can compare and describe two objects to see which has more of/less of an attribute (e.g. heavier/lighter, taller/shorter). (Additional)*
- K.MD.3a: I can sort objects by categories. (Supporting)
- K.MD.3b: I can sort categories by count (Which group has the most/least?). (Supporting)

Operations and Algebraic Thinking (K.OA)

- **K.OA.2: I can solve addition word problems within 10 using objects or drawings. (Major)**
- **K.OA.3: I can use objects or drawings to break apart numbers 1-10 into two sets in more than one way. (Major)**
- **K.OA.5: I can add the numbers 0 through 5 quickly and correctly. (Major)**

Targeted Illinois Learning Standards Expectation: Mastery

Counting and Cardinality (K.CC)

- **K.CC.1a: I can count by one's to 30 and I can count by ten's to 100. (Major)**
- **K.CC.1b: I can count by one's to 50 and I can count by ten's to 100. (Major)**
- **K.CC.1c: I can count to 100 by one's and ten's. (Major)**
- **K.CC.3a: I can write a numeral for the number of objects I counted (0-10). (Major)**
- **K.CC.3b: I can write a numeral for the number of objects I counted (0-20). (Major)**
- **K.CC.4a: When counting objects, I can say the number names in the standardorder, pairing each object with one and only one number name and each number name with one and only one object up. (Major)**
- **K.CC.4b: When counting objects, I can tell you that the last number name stated represents the total number of objects, and that the number of objects is the same regardless of their arrangement or the order in which they were counted (Major)**
- **K.CC.6: I can identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group. (Major)**

Geometry (K.G)

- *K.G.1a: I can use positional words to tell where an object is located (above, below, beside, in front of, behind, and next to). (Additional)*
- *K.G.1b: I can describe things around me using names of two-dimensional shapes (Additional)*

Operations and Algebraic Thinking (K.OA)

- **K.OA.1: I can interpret addition story problems with manipulative, drawings, verbal explanations, or equations. (Major)**
- **K.OA.4: I can identify the number that makes 10 when added to a given number from 1-9 by recording the answer with an equation. (Major)**
- **K.OA.4: I can identify the number that makes 10 when added to a given number from 1-9 by using objects or drawings. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade K	Math Investigations Gr K	5) Make a Shape Build a Block	5

Targeted Illinois Learning Standards Expectation: Practice

Counting and Cardinality (K.CC)
- **K.CC.2a: I can count by ones's to 30 when given a random starting number. (Major)**

Geometry (K.G)
- K.G.4: I can tell how three-dimensional shapes are similar and/or different using the length and number of sides and corners. (Supporting)
- K.G.5: I can use different materials to build objects that I see around me. (Supporting)
- K.G.6a: I can draw shapes to represent objects I see around me. (Supporting)
- K.G.6b: I can use simple shapes to make a larger, new shape. (Supporting)

Measurement and Data (K.MD)
- *K.MD.1a: I can describe an object by its measureable attributes. (Additional)*
- *K.MD.1b: I can tell different ways to measure objects. (Additional)*
- K.MD.3a: I can sort objects by categories. (Supporting)
- K.MD.3b: I can sort categories by count (Which group has the most/least?). (Supporting)

Targeted Illinois Learning Standards Expectation: Mastery

Counting and Cardinality (K.CC)
- **K.CC.1a: I can count by one's to 30 and I can count by ten's to 100. (Major)**
- **K.CC.1b: I can count by one's to 50 and I can count by ten's to 100. (Major)**
- **K.CC.1c: I can count to 100 by one's and ten's. (Major)**
- **K.CC.3a: I can write a numeral for the number of objects I counted (0-10). (Major)**
- **K.CC.3b: I can write a numeral for the number of objects I counted (0-20). (Major)**
- **K.CC.4a: When counting objects, I can say the number names in the standardorder, pairing each object with one and only one number name and each number name with one and only one object up. (Major)**
- **K.CC.4b: When counting objects, I can tell you that the last number name stated represents the total number of objects, and that the number of objects is the same regardless of their arrangement or the order in which they were counted (Major)**
- **K.CC.5a: I can count objects (0-10) in a scattered configuration. (Major)**
- **K.CC.5b: I can count objects (0-20) presented in at least two different ways (a line, a rectangular array, or a circle). (Major)**
- **K.CC.6: I can identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group. (Major)**
- **K.CC.7: I can compare two numbers 1-10 and tell which is greater, which is less, and if they are equal. (Major)**

Geometry (K.G)
- *K.G.1a: I can use positional words to tell where an object is located (above, below, beside, in front of, behind, and next to). (Additional)*
- *K.G.1b: I can describe things around me using names of two-dimensional shapes (Additional)*
- *K.G.2: I can name a shape regardless of its position or size. (Additional)*
- *K.G.3: I can identify shapes as two-dimensional ("flat") or three-dimensional ("solid"). (Additional)*

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade K	Math Investigations Gr K	6) How Many Do You Have?	7

Targeted Illinois Learning Standards Expectation: Practice

Measurement and Data (K.MD)

- *K.MD.1a: I can describe an object by its measureable attributes. (Additional)*
- *K.MD.1b: I can tell different ways to measure objects. (Additional)*
- K.MD.3a: I can sort objects by categories. (Supporting)
- K.MD.3b: I can sort categories by count (Which group has the most/least?). (Supporting)

Targeted Illinois Learning Standards Expectation: Mastery

Counting and Cardinality (K.CC)

- **K.CC.1a: I can count by one's to 30 and I can count by ten's to 100. (Major)**
- **K.CC.1b: I can count by one's to 50 and I can count by ten's to 100. (Major)**
- **K.CC.1c: I can count to 100 by one's and ten's. (Major)**
- **K.CC.2a: I can count by ones's to 30 when given a random starting number. (Major)**
- **K.CC.3a: I can write a numeral for the number of objects I counted (0-10). (Major)**
- **K.CC.3b: I can write a numeral for the number of objects I counted (0-20). (Major)**
- **K.CC.4a: When counting objects, I can say the number names in the standardorder, pairing each object with one and only one number name and each number name with one and only one object up. (Major)**
- **K.CC.4b: When counting objects, I can tell you that the last number name stated represents the total number of objects, and that the number of objects is the same regardless of their arrangement or the order in which they were counted (Major)**
- **K.CC.5a: I can count objects (0-10) in a scattered configuration. (Major)**
- **K.CC.5b: I can count objects (0-20) presented in at least two different ways (a line, a rectangular array, or a circle). (Major)**
- **K.CC.6: I can identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group. (Major)**
- **K.CC.7: I can compare two numbers 1-10 and tell which is greater, which is less, and if they are equal. (Major)**

Number and Operations in Base 10 (K.NBT)

- **K.NBT.1a: I can put together or take apart numbers from 11-19 into tens and ones and show my work with equations (such as 18 = 1 ten + 8 ones or 18 = 10 + 8). (Major)**

Operations and Algebraic Thinking (K.OA)

- **K.OA.1: I can interpret addition story problems with manipulative, drawings, verbal explanations, or equations. (Major)**
- **K.OA.2: I can solve addition word problems within 10 using objects or drawings. (Major)**
- **K.OA.3: I can use objects or drawings to break apart numbers 1-10 into two sets in more than one way. (Major)**
- **K.OA.4: I can identify the number that makes 10 when added to a given number from 1-9 by recording the answer with an equation. (Major)**
- **K.OA.4: I can identify the number that makes 10 when added to a given number from 1-9 by using objects or drawings. (Major)**
- **K.OA.5: I can add the numbers 0 through 5 quickly and correctly. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade K	Math Investigations Gr K	7) Sorting and Surveys	7

Targeted Illinois Learning Standards Expectation: Practice

Measurement and Data (K.MD)

- K.MD.3a: I can sort objects by categories. (Supporting)
- K.MD.3b: I can sort categories by count (Which group has the most/least?). (Supporting)

Targeted Illinois Learning Standards Expectation: Mastery

Counting and Cardinality (K.CC)

- **K.CC.1a: I can count by one's to 30 and I can count by ten's to 100. (Major)**
- **K.CC.1b: I can count by one's to 50 and I can count by ten's to 100. (Major)**
- **K.CC.1c: I can count to 100 by one's and ten's. (Major)**
- **K.CC.2a: I can count by ones's to 30 when given a random starting number. (Major)**
- **K.CC.4a: When counting objects, I can say the number names in the standardorder, pairing each object with one and only one number name and each number name with one and only one object up. (Major)**
- **K.CC.4b: When counting objects, I can tell you that the last number name stated represents the total number of objects, and that the number of objects is the same regardless of their arrangement or the order in which they were counted (Major)**
- **K.CC.5a: I can count objects (0-10) in a scattered configuration. (Major)**
- **K.CC.5b: I can count objects (0-20) presented in at least two different ways (a line, a rectangular array, or a circle). (Major)**
- **K.CC.6: I can identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade K	Math Investigations Gr K	11) #Quarter 1	9

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Subject	Unit Plan Name	Unit	Length (Weeks)
Grade K	Math Investigations Gr K	12) #Quarter 2	9

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Subject	Unit Plan Name	Unit	Length (Weeks)
Grade K	Math Investigations Gr K	13) #Quarter 3	10

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Subject	Unit Plan Name	Unit	Length (Weeks)
Grade K	Math Investigations Gr K	14) #Quarter 4	8