

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 1	Math Investigations Gr 1	1) How Many of Each?	6

Targeted Illinois Learning Standards Expectation: Practice

Number and Operations in Base 10 (1.NBT)

- 1.NBT.1a: I can read and write numerals to 120. (Major)
- 1.NBT.3a: Using tens and ones, I can compare two 2-digit numbers to determine if a number is greater than, less than, or equal to. (Major)

Operations and Algebraic Thinking (1.OA)

- 1.OA.1a: I can solve addition and subtraction problems with unknowns in all positions of the equations. (Major)
- 1.OA.3: I can apply properties of operations as strategies to add and subtract. (Major)
- 1.OA.4: I can solve subtraction problems using addition (counting up from the smaller number). (Major)
- 1.OA.5: I can explain how counting on and counting back relate to addition and subtraction. (Major)
- 1.OA.6c: I can use a fact family to help me add within 20. (Major)
- 1.OA.6d: I can decompose (break apart) a number leading to ten to help me add within 20. (Major)
- 1.OA.8: I can determine the missing number in an addition equation. (Major)

Targeted Illinois Learning Standards Expectation: Mastery

Operations and Algebraic Thinking (1.OA)

- 1.OA.6a: I can add and subtract fluently within 10 (Major)
- 1.OA.6b: I count on to help me add within 20. (Major)
- 1.OA.7: I can explain what an equal sign means. (Major)

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 1	Math Investigations Gr 1	2) Making Shapes and Designing Quilts	3

Targeted Illinois Learning Standards Expectation: Practice

Number and Operations in Base 10 (1.NBT)

- 1.NBT.1a: I can read and write numerals to 120. (Major)
- 1.NBT.1b: I can count to 120 starting at any number less than 120. (Major)

Targeted Illinois Learning Standards Expectation: Mastery

Geometry (1.G)

- 1.G.1: I can construct and draw a shape when given attributes. (Major)
- 1.G.1: I can draw shapes to show attributes (size, color, orientation, open, closed, number of faces, sides, corners, etc.). (Major)
- 1.G.1: I can identify non-defining attributes of different shapes (color, orientation). (Major)
- 1.G.1: I can sort shapes by their attributes (size, shape, color, orientation, open, closed). (Major)
- 1.G.1a: I can build shapes (using straws, geoboards, etc) and draw shapes to show attributes. (Major)
- 1.G.1b: I can identify and sort different shapes by defining attributes (size, shape, open, closed) and non-defining attributes (color, orientation). (Major)
- 1.G.2a: I can build a new shape using two 2-dimensional shapes. (rectangle, square, trapezoid, triangle, $\frac{1}{2}$ circle, $\frac{1}{4}$ circle). (Additional)
- 1.G.2c: I can take a shape I have made from other shapes and change it to make a new shape. (Additional)

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 1	Math Investigations Gr 1	3) Solving Story Problems	3

Targeted Illinois Learning Standards Expectation: Practice

Number and Operations in Base 10 (1.NBT)

- **1.NBT.1b:** I can count to 120 starting at any number less than 120. (Major)
- **1.NBT.3a:** Using tens and ones, I can compare two 2-digit numbers to determine if a number is greater than, less than, or equal to. (Major)
- **1.NBT.3b:** I can use the symbols $<$, $>$, and $=$ to compare two 2-digit numbers. (Major)

Operations and Algebraic Thinking (1.OA)

- **1.OA.1a:** I can solve addition and subtraction problems with unknowns in all positions of the equations. (Major)
- **1.OA.1b:** I can use objects, drawings, and equations to help me explain how I solve problems with unknowns. (Major)
- **1.OA.4:** I can solve subtraction problems using addition (counting up from the smaller number). (Major)
- **1.OA.5:** I can explain how counting on and counting back relate to addition and subtraction. (Major)
- **1.OA.6c:** I can use a fact family to help me add within 20. (Major)
- **1.OA.6d:** I can decompose (break apart) a number leading to ten to help me add within 20. (Major)

Targeted Illinois Learning Standards Expectation: Mastery

Number and Operations in Base 10 (1.NBT)

- **1.NBT.1a:** I can read and write numerals to 120. (Major)

Operations and Algebraic Thinking (1.OA)

- **1.OA.6a:** I can add and subtract fluently within 10 (Major)
- **1.OA.6b:** I count on to help me add within 20. (Major)
- **1.OA.7:** I can explain what an equal sign means. (Major)
- **1.OA.8:** I can determine the missing number in an addition equation. (Major)

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 1	Math Investigations Gr 1	4) What Would You Rather Be?	2

Targeted Illinois Learning Standards Expectation: Practice

Geometry (1.G)

- **1.G.1:** I can construct and draw a shape when given attributes. (Major)
- **1.G.1:** I can draw shapes to show attributes (size, color, orientation, open, closed, number of faces, sides, corners, etc.). (Major)
- **1.G.1:** I can identify non-defining attributes of different shapes (color, orientation). (Major)
- **1.G.1:** I can sort shapes by their attributes (size, shape, color, orientation, open, closed). (Major)
- **1.G.1a:** I can build shapes (using straws, geoboards, etc) and draw shapes to show attributes. (Major)
- **1.G.1b:** I can identify and sort different shapes by defining attributes (size, shape, open, closed) and non-defining attributes (color, orientation). (Major)

Measurement and Data (1.MD)

- *1.MD.3a: I can identify the hour hand and minute hand on an analog clock. (Additional)*
- *1.MD.3b: I can tell time to the hour and half-hour using an analog clock. (Additional)*
- *1.MD.3c: I can tell time to the hour and half-hour using a digital clock. (Additional)*
- **1.MD.4a:** I can collect and represent data with up to three categories. (Supporting)
- **1.MD.4b:** I can interpret a graph by answering questions (how many, how many more or less) about the data. (Supporting)

Number and Operations in Base 10 (1.NBT)

- **1.NBT.3a:** Using tens and ones, I can compare two 2-digit numbers to determine if a number is greater than, less than, or equal to. (Major)
- **1.NBT.3b:** I can use the symbols $<$, $>$, and $=$ to compare two 2-digit numbers. (Major)

Targeted Illinois Learning Standards Expectation: Mastery

Number and Operations in Base 10 (1.NBT)

- **1.NBT.1a:** I can read and write numerals to 120. (Major)
- **1.NBT.1b:** I can count to 120 starting at any number less than 120. (Major)

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 1	Math Investigations Gr 1	5) Fish Lengths and Animal Jumps	3

Targeted Illinois Learning Standards Expectation: Practice

Geometry (1.G)

- 1.G.2a: I can build a new shape using two 2-dimensional shapes. (rectangle, square, trapezoid, triangle, $\frac{1}{2}$ circle, $\frac{1}{4}$ circle). (Additional)
- 1.G.3a: I can divide circles and rectangles into two and four equal shares. (Additional)
- 1.G.3b: I can describe equal shares using the words halves, fourths, and quarters. (Additional)
- 1.G.3c: I can describe shares using the phrases half of, fourth of, and quarter of. (Additional)
- 1.G.3d: I can describe the whole as two of or four of the divided shares. (Additional)

Measurement and Data (1.MD)

- 1.MD.3a: I can identify the hour hand and minute hand on an analog clock. (Additional)
- 1.MD.3b: I can tell time to the hour and half-hour using an analog clock. (Additional)
- 1.MD.3c: I can tell time to the hour and half-hour using a digital clock. (Additional)
- 1.MD.4a: I can collect and represent data with up to three categories. (Supporting)
- 1.MD.4b: I can interpret a graph by answering questions (how many, how many more or less) about the data. (Supporting)

Number and Operations in Base 10 (1.NBT)

- 1.NBT.3a: Using tens and ones, I can compare two 2-digit numbers to determine if a number is greater than, less than, or equal to. (Major)
- 1.NBT.3b: I can use the symbols $<$, $>$, and $=$ to compare two 2-digit numbers. (Major)

Targeted Illinois Learning Standards Expectation: Mastery

Measurement and Data (1.MD)

- 1.MD.1a: I can order three objects by length. (Major)
- 1.MD.1b: I can use the length of one object to compare and/or describe the length of other objects. (Major)
- 1.MD.2: I can measure an object using nonstandard units (Supporting)

Number and Operations in Base 10 (1.NBT)

- 1.NBT.1a: I can read and write numerals to 120. (Major)
- 1.NBT.1b: I can count to 120 starting at any number less than 120. (Major)

Operations and Algebraic Thinking (1.OA)

- 1.OA.1a: I can solve addition and subtraction problems with unknowns in all positions of the equations. (Major)
- 1.OA.1b: I can use objects, drawings, and equations to help me explain how I solve problems with unknowns. (Major)

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Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 1	Math Investigations Gr 1	6) Number Games and Crayon Puzzels	5

Targeted Illinois Learning Standards Expectation: Practice

Measurement and Data (1.MD)

- 1.MD.3a: I can identify the hour hand and minute hand on an analog clock. (Additional)
- 1.MD.3b: I can tell time to the hour and half-hour using an analog clock. (Additional)
- 1.MD.3c: I can tell time to the hour and half-hour using a digital clock. (Additional)
- 1.MD.4a: I can collect and represent data with up to three categories. (Supporting)
- 1.MD.4b: I can interpret a graph by answering questions (how many, how many more or less) about the data. (Supporting)

Number and Operations in Base 10 (1.NBT)

- 1.NBT.2a: I can understand that 10 can be thought of as a bundle of ten ones – called a “ten”. (Major)
- 1.NBT.3a: Using tens and ones, I can compare two 2-digit numbers to determine if a number is greater than, less than, or equal to. (Major)
- 1.NBT.3b: I can use the symbols $<$, $>$, and $=$ to compare two 2-digit numbers. (Major)

Operations and Algebraic Thinking (1.OA)

- 1.OA.1a: I can solve addition and subtraction problems with unknowns in all positions of the equations. (Major)
- 1.OA.3: I can apply properties of operations as strategies to add and subtract. (Major)
- 1.OA.5: I can explain how counting on and counting back relate to addition and subtraction. (Major)
- 1.OA.6a: I can add and subtract fluently within 10 (Major)
- 1.OA.6b: I count on to help me add within 20. (Major)
- 1.OA.6c: I can use a fact family to help me add within 20. (Major)
- 1.OA.6d: I can decompose (break apart) a number leading to ten to help me add within 20. (Major)

Targeted Illinois Learning Standards Expectation: Mastery

Number and Operations in Base 10 (1.NBT)

- 1.NBT.1a: I can read and write numerals to 120. (Major)
- 1.NBT.1b: I can count to 120 starting at any number less than 120. (Major)
- 1.NBT.1c: I can represent a number of objects with a written numeral up to 120. (Major)

Operations and Algebraic Thinking (1.OA)

- 1.OA.1b: I can use objects, drawings, and equations to help me explain how I solve problems with unknowns. (Major)
- 1.OA.2: I can solve addition word problems of three whole numbers whose sum is less than or equal to 20 using drawings and equations. (Major)
- 1.OA.4: I can solve subtraction problems using addition (counting up from the smaller number). (Major)
- 1.OA.7: I can explain what an equal sign means. (Major)
- 1.OA.8: I can determine the missing number in an addition equation. (Major)

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Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 1	Math Investigations Gr 1	7) Color, Shape, and Number Patterns	3

Targeted Illinois Learning Standards Expectation: Practice

Measurement and Data (1.MD)

- *1.MD.3a: I can identify the hour hand and minute hand on an analog clock. (Additional)*
- *1.MD.3c: I can tell time to the hour and half-hour using an digital clock. (Additional)*
- *1.MD.4a: I can collect and represent data with up to three categories. (Supporting)*
- *1.MD.4b: I can interpret a graph by answering questions (how many, how many more or less) about the data. (Supporting)*

Operations and Algebraic Thinking (1.OA)

- **1.OA.2: I can solve addition word problems of three whole numbers whose sum is less than or equal to 20 using drawings and equations. (Major)**
- **1.OA.6c: I can use a fact family to help me add within 20. (Major)**
- **1.OA.6d: I can decompose (break apart) a number leading to ten to help me add within 20. (Major)**

Targeted Illinois Learning Standards Expectation: Mastery

Measurement and Data (1.MD)

- *1.MD.3b: I can tell time to the hour and half-hour using an analog clock. (Additional)*

Number and Operations in Base 10 (1.NBT)

- **1.NBT.3a: Using tens and ones, I can compare two 2-digit numbers to determine if a number is greater than, less than, or equal to. (Major)**
- **1.NBT.3b: I can use the symbols $<$, $>$, and $=$ to compare two 2-digit numbers. (Major)**

Operations and Algebraic Thinking (1.OA)

- **1.OA.5: I can explain how counting on and counting back relate to addition and subtraction. (Major)**

Targeted Illinois Learning Standards Expectation: Review

Number and Operations in Base 10 (1.NBT)

- **1.NBT.1a: I can read and write numerals to 120. (Major)**
- **1.NBT.1b: I can count to 120 starting at any number less than 120. (Major)**
- **1.NBT.1c: I can represent a number of objects with a written numeral up to 120. (Major)**

Operations and Algebraic Thinking (1.OA)

- **1.OA.1a: I can solve addition and subtraction problems with unknowns in all positions of the equations. (Major)**
- **1.OA.1b: I can use objects, drawings, and equations to help me explain how I solve problems with unknowns. (Major)**
- **1.OA.6a: I can add and subtract fluently within 10 (Major)**
- **1.OA.6b: I count on to help me add within 20. (Major)**
- **1.OA.7: I can explain what an equal sign means. (Major)**
- **1.OA.8: I can determine the missing number in an addition equation. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 1	Math Investigations Gr 1	8) Twos, Fives, and Tens	11

Targeted Illinois Learning Standards Expectation: Practice

Measurement and Data (1.MD)

- 1.MD.3a: I can identify the hour hand and minute hand on an analog clock. (Additional)
- 1.MD.3b: I can tell time to the hour and half-hour using an analog clock. (Additional)
- 1.MD.3c: I can tell time to the hour and half-hour using a digital clock. (Additional)

Targeted Illinois Learning Standards Expectation: Mastery

Number and Operations in Base 10 (1.NBT)

- 1.NBT.2a: I can understand that 10 can be thought of as a bundle of ten ones – called a “ten”. (Major)
- 1.NBT.2b: I can identify how many tens and ones are in a 2-digit number. (Major)
- 1.NBT.3b: I can use the symbols $<$, $>$, and $=$ to compare two 2-digit numbers. (Major)
- 1.NBT.4: I can add a 2-digit number and a 1-digit number. (Major)
- 1.NBT.5b: I can mentally find 10 more or 10 less than a 2-digit number without having to count on or count back. (Major)
- 1.NBT.6a: I can add or subtract two numbers that are multiples of 10 within the range of 10-90. (Major)
- 1.NBT.6b: I can use drawings and models to explain the reasoning used to solve addition and subtraction problems. (Major)

Operations and Algebraic Thinking (1.OA)

- 1.OA.3: I can apply properties of operations as strategies to add and subtract. (Major)
- 1.OA.5: I can explain how counting on and counting back relate to addition and subtraction. (Major)
- 1.OA.6c: I can use a fact family to help me add within 20. (Major)
- 1.OA.6d: I can decompose (break apart) a number leading to ten to help me add within 20. (Major)

Targeted Illinois Learning Standards Expectation: Review

Number and Operations in Base 10 (1.NBT)

- 1.NBT.1a: I can read and write numerals to 120. (Major)
- 1.NBT.1b: I can count to 120 starting at any number less than 120. (Major)
- 1.NBT.3a: Using tens and ones, I can compare two 2-digit numbers to determine if a number is greater than, less than, or equal to. (Major)
- 1.NBT.5a: I can explain how to find 10 more or 10 less than a number. (Major)

Operations and Algebraic Thinking (1.OA)

- 1.OA.1a: I can solve addition and subtraction problems with unknowns in all positions of the equations. (Major)
- 1.OA.1b: I can use objects, drawings, and equations to help me explain how I solve problems with unknowns. (Major)
- 1.OA.2: I can solve addition word problems of three whole numbers whose sum is less than or equal to 20 using drawings and equations. (Major)
- 1.OA.6a: I can add and subtract fluently within 10 (Major)
- 1.OA.6b: I count on to help me add within 20. (Major)
- 1.OA.8: I can determine the missing number in an addition equation. (Major)

Rantoul City Schools District #137 Unit Plan

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

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Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 1	Math Investigations Gr 1	12) #Quarter 2	9

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Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 1	Math Investigations Gr 1	13) #Quarter 3	10

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Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 1	Math Investigations Gr 1	14) #Quarter 4	8