Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 2	Math Investigations Gr 2	1) Counting, Coins, and Combinations	5

Targeted Illinois Learning Standards Expectation: Practice

Geometry (2.G)

- *2.G.1a: I can recognize shapes (triangles, quadrilaterals, pentagons, hexagons, and cubes) having specific attributes, such as a given number of angles or a given number of equal faces. (Additional)*

Measurement and Data (2.MD)

- **2.MD.6: I can represent whole numbers as lengths using a number line from 0-100 (Major)**
- 2.MD.7a: I can tell and write time using analog clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.7b: I can tell and write time using digital clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.8a: I can identify coins and their value. (Supporting)
- 2.MD.8b: I can determine and compare values of money to $5. (Supporting)

Number and Operations in Base 10 (2.NBT)

- **2.NBT.3a: I can read and write numbers to 1000 using base-ten numerals. (Major)**
- **2.NBT.3b: I can read and write numbers to 1000 using number names. (Major)**
- **2.NBT.5: I can fluently add and subtract within 100 using various strategies. (Major)**
- **2.NBT.9a: I can explain why addition strategies work using place value and properties of operations. (Major)**
- **2.NBT.9b: I can explain why subtraction strategies work using place value and properties of operations. (Major)**

Operations and Algebraic Thinking (2.OA)

- **2.OA.1b: I can use addition and subtraction within 100 to solve two-step word problems using various strategies. (Major)**
- **2.OA.4a: I can use repeated addition to find the total number of objects arranged in rectangular arrays up to 5 rows and up to 5 columns. (Major)**

Targeted Illinois Learning Standards Expectation: Mastery

Number and Operations in Base 10 (2.NBT)

- **2.NBT.2: I can count within 1000; skip-count by 5s, 10s, and 100s. (Major)**

Operations and Algebraic Thinking (2.OA)

- **2.OA.1a: I can use addition and subtraction within 100 to solve one-step word problems using various strategies. (Major)**
- **2.OA.2: I can fluently add and subtract within 20 using mental strategies.2 By end of Grade 2, know from memory all sums of two one-digit numbers. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 2	Math Investigations Gr 2	2) Shapes, Blocks, and Symmetry	4

Targeted Illinois Learning Standards Expectation: Practice

Geometry (2.G)

- *2.G.2: I can formulate a rectangle into columns and rows of equal-sized squares to determine the area of the rectangle. (Additional)*

Measurement and Data (2.MD)

- 2.MD.7a: I can tell and write time using analog clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.7b: I can tell and write time using digital clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)

Operations and Algebraic Thinking (2.OA)

- **2.OA.1b: I can use addition and subtraction within 100 to solve two-step word problems using various strategies. (Major)**
- **2.OA.4a: I can use repeated addition to find the total number of objects arranged in rectangular arrays up to 5 rows and up to 5 columns. (Major)**

Targeted Illinois Learning Standards Expectation: Mastery

Geometry (2.G)

- *2.G.1a: I can recognize shapes (triangles, quadrilaterals, pentagons, hexagons, and cubes) having specific attributes, such as a given number of angles or a given number of equal faces. (Additional)*

Number and Operations in Base 10 (2.NBT)

- **2.NBT.2: I can count within 1000; skip-count by 5s, 10s, and 100s. (Major)**

Operations and Algebraic Thinking (2.OA)

- **2.OA.1a: I can use addition and subtraction within 100 to solve one-step word problems using various strategies. (Major)**
- **2.OA.2: I can fluently add and subtract within 20 using mental strategies.2 By end of Grade 2, know from memory all sums of two one-digit numbers. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 2	Math Investigations Gr 2	3) Stickers, Number Strings, and Story Problems	5

Targeted Illinois Learning Standards Expectation: Practice

Geometry (2.G)

- *2.G.2: I can formulate a rectangle into columns and rows of equal-sized squares to determine the area of the rectangle. (Additional)*

Measurement and Data (2.MD)

- 2.MD.7a: I can tell and write time using analog clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.7b: I can tell and write time using digital clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)

Operations and Algebraic Thinking (2.OA)

- **2.OA.1b: I can use addition and subtraction within 100 to solve two-step word problems using various strategies. (Major)**
- **2.OA.4a: I can use repeated addition to find the total number of objects arranged in rectangular arrays up to 5 rows and up to 5 columns. (Major)**

Targeted Illinois Learning Standards Expectation: Mastery

Geometry (2.G)

- *2.G.1a: I can recognize shapes (triangles, quadrilaterals, pentagons, hexagons, and cubes) having specific attributes, such as a given number of angles or a given number of equal faces. (Additional)*

Number and Operations in Base 10 (2.NBT)

- **2.NBT.2: I can count within 1000; skip-count by 5s, 10s, and 100s. (Major)**

Operations and Algebraic Thinking (2.OA)

- **2.OA.1a: I can use addition and subtraction within 100 to solve one-step word problems using various strategies. (Major)**
- **2.OA.2: I can fluently add and subtract within 20 using mental strategies.2 By end of Grade 2, know from memory all sums of two one-digit numbers. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 2	Math Investigations Gr 2	4) Pocket, Teeth, and Favorite Things	2.5

Targeted Illinois Learning Standards Expectation: Practice

Measurement and Data (2.MD)

- 2.MD.7a: I can tell and write time using analog clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.7b: I can tell and write time using digital clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.8a: I can identify coins and their value. (Supporting)
- 2.MD.8b: I can determine and compare values of money to $5. (Supporting)

Targeted Illinois Learning Standards Expectation: Mastery

Geometry (2.G)

- *2.G.1a: I can recognize shapes (triangles, quadrilaterals, pentagons, hexagons, and cubes) having specific attributes, such as a given number of angles or a given number of equal faces. (Additional)*

Measurement and Data (2.MD)

- 2.MD.10a: I can draw a bar graph to represent a data set with up to four categories. (Supporting)
- 2.MD.10b: I can draw a picture graph to represent a data set with up to four categories. (Supporting)
- 2.MD.10c: I can solve various problems using information from graphs. (Supporting)

Number and Operations in Base 10 (2.NBT)

- **2.NBT.5: I can fluently add and subtract within 100 using various strategies. (Major)**

Operations and Algebraic Thinking (2.OA)

- **2.OA.2: I can fluently add and subtract within 20 using mental strategies.2 By end of Grade 2, know from memory all sums of two one-digit numbers. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 2	Math Investigations Gr 2	5) How Many Floors, How Many Rooms	2

Targeted Illinois Learning Standards Expectation: Practice

Geometry (2.G)

- *2.G.2: I can formulate a rectangle into columns and rows of equal-sized squares to determine the area of the rectangle. (Additional)*

Measurement and Data (2.MD)

- **2.MD.4a: I can estimate lengths using various units of measurement. (Major)**
- **2.MD.4b: I can measure two objects and compare the difference in length. (Major)**
- 2.MD.7a: I can tell and write time using analog clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.7b: I can tell and write time using digital clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.8a: I can identify coins and their value. (Supporting)
- 2.MD.8b: I can determine and compare values of money to $5. (Supporting)
- 2.MD.10a: I can draw a bar graph to represent a data set with up to four categories. (Supporting)

Number and Operations in Base 10 (2.NBT)

- **2.NBT.3b: I can read and write numbers to 1000 using number names. (Major)**
- **2.NBT.5: I can fluently add and subtract within 100 using various strategies. (Major)**

Operations and Algebraic Thinking (2.OA)

- **2.OA.4a: I can use repeated addition to find the total number of objects arranged in rectangular arrays up to 5 rows and up to 5 columns. (Major)**

Targeted Illinois Learning Standards Expectation: Mastery

Measurement and Data (2.MD)

- 2.MD.10b: I can draw a picture graph to represent a data set with up to four categories. (Supporting)
- 2.MD.10c: I can solve various problems using information from graphs. (Supporting)

Number and Operations in Base 10 (2.NBT)

- **2.NBT.2: I can count within 1000; skip-count by 5s, 10s, and 100s. (Major)**
- **2.NBT.3a: I can read and write numbers to 1000 using base-ten numerals. (Major)**

Operations and Algebraic Thinking (2.OA)

- **2.OA.2: I can fluently add and subtract within 20 using mental strategies.2 By end of Grade 2, know from memory all sums of two one-digit numbers. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 2	Math Investigations Gr 2	6) How Many Tens, How Many Ones	5

Targeted Illinois Learning Standards Expectation: Practice

Measurement and Data (2.MD)

- **2.MD.6: I can represent whole numbers as lengths using a number line from 0-100 (Major)**
- 2.MD.7a: I can tell and write time using analog clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.7b: I can tell and write time using digital clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)

Number and Operations in Base 10 (2.NBT)

- **2.NBT.6b: I can add three two-digit numbers using strategies based on place value and properties of operations. (Major)**

Operations and Algebraic Thinking (2.OA)

- 2.OA.3a: I can distinguish groups of objects (up to 20) as having odd or even number of members. (Supporting)

Targeted Illinois Learning Standards Expectation: Mastery

Geometry (2.G)

- *2.G.1a: I can recognize shapes (triangles, quadrilaterals, pentagons, hexagons, and cubes) having specific attributes, such as a given number of angles or a given number of equal faces. (Additional)*

Measurement and Data (2.MD)

- 2.MD.8a: I can identify coins and their value. (Supporting)
- 2.MD.8b: I can determine and compare values of money to $5. (Supporting)

Number and Operations in Base 10 (2.NBT)

- **2.NBT.2: I can count within 1000; skip-count by 5s, 10s, and 100s. (Major)**
- **2.NBT.3a: I can read and write numbers to 1000 using base-ten numerals. (Major)**
- **2.NBT.3b: I can read and write numbers to 1000 using number names. (Major)**
- **2.NBT.4: I can compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using >, =, and < symbols to record the results of comparison. (Major)**
- **2.NBT.5: I can fluently add and subtract within 100 using various strategies. (Major)**
- **2.NBT.6a: I can add two two-digit numbers using strategies based on place value and properties of operations. (Major)**
- **2.NBT.8a: I can use mental strategies to add 10 or 100 to a given number 100-900. (Major)**
- **2.NBT.8b: I can use mental strategies to subtract 10 or 100 to a given number 100-900. (Major)**
- **2.NBT.9a: I can explain why addition strategies work using place value and properties of operations. (Major)**
- **2.NBT.9b: I can explain why subtraction strategies work using place value and properties of operations. (Major)**

Operations and Algebraic Thinking (2.OA)

- **2.OA.2: I can fluently add and subtract within 20 using mental strategies.2 By end of Grade 2, know from memory all sums of two one-digit numbers. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 2	Math Investigations Gr 2	7) Parts of a Whole, Parts of a Group	2

Targeted Illinois Learning Standards Expectation: Mastery

Geometry (2.G)

- *2.G.3a: I can divide circles and rectangles into two, three, or four equal shares and describe the shares using the words halves, thirds, half o, a third of, etc. (Additional)*

Measurement and Data (2.MD)

- 2.MD.7a: I can tell and write time using analog clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.7b: I can tell and write time using digital clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)

Number and Operations in Base 10 (2.NBT)

- **2.NBT.2: I can count within 1000; skip-count by 5s, 10s, and 100s. (Major)**
- **2.NBT.5: I can fluently add and subtract within 100 using various strategies. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 2	Math Investigations Gr 2	8) Partners, Teams, and Paperclips	4

Targeted Illinois Learning Standards Expectation: Practice

Measurement and Data (2.MD)

- **2.MD.6: I can represent whole numbers as lengths using a number line from 0-100 (Major)**
- 2.MD.7a: I can tell and write time using analog clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.7b: I can tell and write time using digital clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)

Number and Operations in Base 10 (2.NBT)

- **2.NBT.7c: I can produce a written equation or story problem using the manipulatives or drawings. (Major)**

Operations and Algebraic Thinking (2.OA)

- 2.OA.3a: I can distinguish groups of objects (up to 20) as having odd or even number of members. (Supporting)

Targeted Illinois Learning Standards Expectation: Mastery

Number and Operations in Base 10 (2.NBT)

- **2.NBT.5: I can fluently add and subtract within 100 using various strategies. (Major)**
- **2.NBT.6a: I can add two two-digit numbers using strategies based on place value and properties of operations. (Major)**
- **2.NBT.6b: I can add three two-digit numbers using strategies based on place value and properties of operations. (Major)**
- **2.NBT.7a: I can compose numbers using manipulatives and drawings to add up to 1000 using various strategies. (Major)**
- **2.NBT.7b: I can decompose numbers using manipulatives and drawings to subtract up to 1000 using various strategies. (Major)**
- **2.NBT.9a: I can explain why addition strategies work using place value and properties of operations. (Major)**
- **2.NBT.9b: I can explain why subtraction strategies work using place value and properties of operations. (Major)**

Operations and Algebraic Thinking (2.OA)

- **2.OA.1a: I can use addition and subtraction within 100 to solve one-step word problems using various strategies. (Major)**
- **2.OA.1b: I can use addition and subtraction within 100 to solve two-step word problems using various strategies. (Major)**
- **2.OA.2: I can fluently add and subtract within 20 using mental strategies.2 By end of Grade 2, know from memory all sums of two one-digit numbers. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 2	Math Investigations Gr 2	9) Measuring Length and TIme	3

Targeted Illinois Learning Standards Expectation: Practice

Measurement and Data (2.MD)

- **2.MD.3: I can justify the relationship between the object and the unit chosen. (Major)**
- 2.MD.9: I can analyze data and produce a line plot based on data collected. (Supporting)

Targeted Illinois Learning Standards Expectation: Mastery

Measurement and Data (2.MD)

- **2.MD.1: I can determine the appropriate tool needed to measure the length of an object and I can measure the length of that object. (Major)**
- **2.MD.2: I can measure the length of an object twice, using length units of different lengths for the two measurements (e.g.: centimeters/inches, inches/yards (Major)**
- **2.MD.4a: I can estimate lengths using various units of measurement. (Major)**
- **2.MD.4b: I can measure two objects and compare the difference in length. (Major)**
- **2.MD.5: I can use addition and subtraction within 100 to solve word problems involving length of the same unit. (Major)**
- **2.MD.6: I can represent whole numbers as lengths using a number line from 0-100 (Major)**
- 2.MD.7a: I can tell and write time using analog clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.7b: I can tell and write time using digital clocks to the nearest 5 minutes, using a.m. and p.m. (Supporting)
- 2.MD.8a: I can identify coins and their value. (Supporting)
- 2.MD.8b: I can determine and compare values of money to $5. (Supporting)

Number and Operations in Base 10 (2.NBT)

- **2.NBT.5: I can fluently add and subtract within 100 using various strategies. (Major)**

Operations and Algebraic Thinking (2.OA)

- **2.OA.2: I can fluently add and subtract within 20 using mental strategies.2 By end of Grade 2, know from memory all sums of two one-digit numbers. (Major)**

Rantoul City Schools District #137 Unit Plan

Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 2	Math Investigations Gr 2	11) #Quarter 1	9

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

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Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 2	Math Investigations Gr 2	13) #Quarter 3	10

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Subject	Unit Plan Name	Unit	Length (Weeks)
Grade 2	Math Investigations Gr 2	14) #Quarter 4	8