



**Orange County Public Schools
Kindergarten Mathematics Syllabus 2022-2023**

First Nine Weeks

Unit 1: Geometric Shapes: Describe and Identify **SOL K.10**

- *identify basic shapes*
- *describe basic shapes (number of sides and vertices)(circle: round and curved)*

Unit 2: Geometric Shapes: Sorting and Classifying **SOL K.12**

- *sort and classify objects according to one attribute*

Unit 3: Number Sense: Part Whole 0-5 **SOL K.4**

(An introduction to correlate with our number sense unit. SOL will NOT BE ASSESSED until 4th nine weeks.)

- *recognize and describe with fluency part-whole numbers up to 5*

Unit 4a: Number Sense 1-20 **SOL K.1**

- *tell how many are in a given set of 20 or fewer objects by counting orally*
- *read and represent numbers from 0 through 20*

****Check in: assess oral counting to 30; Number Sense Qu. 1**

Second Nine Weeks

Unit 5: Relative Location **SOL K.10**

- *describe the location of an object relative to another*

Unit 6: Number Sense: Comparing and Ordering **SOL K.2**

- *compare and describe one set as having more, fewer, or the same number of objects as the other set*
- *compare and order sets from least to greatest and greatest to least, given no more than three sets with each set containing 10 or fewer concrete objects*

Unit 7 : Patterns **SOL K.13**

- *Identify repeating patterns*
- *Describe repeating patterns*
- *extend repeating patterns*
- *create repeating patterns*
- *transfer repeating patterns*
- *name the core*



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Second Nine Weeks (continued)

Unit 8: Statistics: Graphing

SOL K.11

- *collect, organize, and represent data*
- *read and interpret data in object graphs, picture graphs, and tables*

****Check in: assess oral counting to 50; Number Sense Qu. 2**

Mid-Year Benchmark

Third Nine Weeks

Unit 9: Measurement and Time

SOL K.8, K.9

- *investigate the passage of time by reading and interpreting a calendar*
 - *name days of week*
 - *name months of year*
- *compare two objects or events, using direct comparisons, according to one or more of the following*
 - *length (longer, shorter)*
 - *height (taller, shorter)*
 - *weight (heavier, lighter)*
 - *temperature (hotter, colder)*
 - *volume (more, less)*
 - *time (longer, shorter)*

Unit 10: Fractions

SOL K.5

- *investigate fractions by representing and solving practical problems involving equal sharing with 2 sharers*

Unit 11: Number Sense: Before and After

SOL K.3

- *identify the number after, without counting when given any number between 0-100*
- *identify the number before, without counting when given any number between 0-100*

Unit 12: Number Sense: Counting 1-100

SOL K.3

- *count backward orally by ones when given any number between 1-10*
- *count forward by 10's to determine the total number up to 100*



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Unit 4b: Number Sense 1-20

SOL K.1

● *tell how many are in a given set of 20 or fewer objects by counting orally read, **WRITE**, and represent numbers from 0 through 20*

****Check in: Assess oral counting to 70; Number Sense Qu. 3**

Fourth Nine Weeks

Unit 13: Measurement: Money

SOL K.7

- *recognize the attributes of a penny, nickel, dime and quarter*
- *identify the number of pennies equivalent to a nickel, a dime, and a quarter*

Unit 14: Number Sense Part Whole 1-10

SOL K.4

- *recognize and describe with fluency part-whole numbers up to 5*
- *investigate and describe part-whole relationships for numbers up to 10*

Unit 15: Computation: Model Story Problems

SOL K.6

- *Joining=Addition*
 - *model single-step and picture problems with sums to 10 using concrete objects*
 - *solve single-step story and picture problems with sums to 10 using concrete objects*
- *Separating=Subtraction*
 - *model single-step and picture problems with differences within 10 using concrete objects*
 - *solve single-step story and picture problems with differences within 10 using concrete objects*

****Assess oral counting to 100; Number Sense Qu. 4**

***Common Assessments will be given at the end of each unit.**

End of Year Benchmark