



## Orange County Public Schools Kindergarten Mathematics Syllabus 2023-2024

### 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 4: 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*

**Unit 8: Statistics: Graphing** SOL K.11



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- *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: 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 12: 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*

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



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**\*Unit 12: Computation begins in Qu 3 and ends in Qu 4**

### **Fourth Nine Weeks**

**\*Unit 12: 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*

**\*Unit 12: Computation begins in Qu 3 and ends in Qu 4**

**Unit 13: 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*

**Unit 14: 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 15: 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 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*

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

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

*End of Year Benchmark*