

2021-2022 Kindergarten CIP & BIM Alignment and Pacing Document

** means there are things to consider when aligning the BIM math lesson to the SOL

Pacing	SOL(s)	BIM Lesson(s)
Q1 Weeks 1-3	K.1a TSW tell how many are in a given set of 5 or fewer objects by counting orally. K.4a TSW recognize and describe with fluency part-whole relationships for numbers up to 5. K.3a TSW count forward orally by ones from 0 to 20.	*Chapter 1 (all lessons) *Lesson 5.1: Partner Numbers to 5 *Lesson 5.2: Use Number Bonds to Represent Numbers to 5
Q1 Weeks 4-5	K.12 TSW sort and classify objects according to one attribute.	*Lesson 4.4: Classify Objects into Categories
Q1 Weeks 6-7	K.10a TSW identify and describe plane figures (circle, triangle, square, and rectangle). K.10b TSW compare the size (smaller, larger) and shape of plane figures (circle, triangle, square, and rectangle).	*Lesson 11.1: Describe Two-Dimensional Shapes *Lesson 11.2: Triangles *Lesson 11.3: Rectangles *Lesson 11.4: Squares *Lesson 11.5: Hexagons and Circles **The text combines a lesson on hexagons and circles; however, hexagons are not part of the VDOE curriculum.
Q1 Weeks 8-9	K.10c TSW describe the location of one object relative to another (above, below, next to) and identify representations of plane figures (circle, triangle, square, and rectangle) regardless of their positions and orientations in space.	*Lesson 12.6: Positions of Solid Shapes **The text uses solid shapes to teach positioning; however, solid shapes are not part of the VDOE curriculum. There are great pictures in this lesson that could still be used to teach positions, though, without using the solid shape vocabulary.
Week 10	Q1 Benchmark (Math Quarterly Assessment)	
Q2 Weeks 11-13	K.1a TSW tell how many are in a given set of 10 or fewer objects by counting orally. K.1b TSW read, write, and represent numbers from 0 through 10. K.3b TSW count backward orally by ones when given any number between 1 and 10. K.3c TSW identify the number before, without counting, when given any number between 1 and 10. K.4b TSW investigate and describe part-whole relationships for numbers up to 10.	*Chapter 3 (all lessons) *Lesson 5.3: Compose and Decompose 6 *Lesson 5.4: Compose and Decompose 7 *Lesson 5.5: Compose and Decompose 8 *Lesson 5.6: Compose and Decompose 9 *Lesson 5.7: Compose and Decompose 10 *Lesson 5.8: Compose and Decompose Using a Group of 5

	K.3a TSW count forward orally by ones from 0 to 50.	
Q2 Weeks 14-16	K.13 TSW identify, describe, extend, create, and transfer repeating patterns.	n/a
Q2 Weeks 17-18	K.1a TSW tell how many are in a given set of 10 or fewer objects by counting orally. K.1b TSW read, write, and represent numbers from 0 through 10. K.2a TSW, given no more than three sets, each set containing 10 or fewer concrete objects, compare and describe one set as having more, fewer, or the same number of objects as the other set(s). K.2b TSW, given no more than three sets, each set containing 10 or fewer concrete objects, compare and order sets from least to greatest and greatest to least.	*Chapter 2 (all lessons) *Lesson 4.1: Compare Groups to 10 by Matching *Lesson 4.2: Compare Groups to 10 by Counting *Lesson 4.3: Compare Numbers to 10
Q2 Week 19	K.11a TSW collect, organize, and represent data. K.11b TSW read and interpret data in object graphs, picture graphs, and tables. <i>K.1a TSW tell how many are in a given set of 20 or fewer objects by counting orally.</i> <i>K.1b TSW read, write, and represent numbers from 0 - 20.</i> Q2 Benchmark (Math Quarterly Assessment)	n/a <i>*Introduce/Start numbers 11-20. This will not be assessed until the Q3 Benchmark Math Quarterly Assessment.</i>
Q3 Weeks 20-22	K.1a TSW tell how many are in a given set of 20 or fewer objects by counting orally. K.1b TSW read, write, and represent numbers from 0 through 20. K.3a TSW count forward orally by ones from 0 to 75. K.3c TSW identify the number before or after, without counting, when given any number between 1 and 20. K.3d TSW count forward by tens to determine the total number of objects to 100.	*Chapter 8 (all lessons) *Lesson 9.1: Model and Count 20 *Lesson 9.2: Count and Write 20 *Lesson 9.3: Count to Find How Many *Lesson 9.4: Count Forward from Any Number to 20 *Lesson 9.5: Order Numbers to 20
Q3 Weeks 23-26	K.6 TSW model and solve single-step story and picture problems with sums up to 10 and differences within 10, using concrete objects. K.4a TSW recognize and describe with fluency part-whole relationships for numbers up to 5.	*Lesson 6.1: Understand Addition *Lesson 7.1: Understand Subtraction **Chapters 6 and 7 have great strategies and pictures to use with the students, but the lessons use symbols (+, -, =). The VDOE curriculum introduces symbols in 1st grade.

	K.4b TSW investigate and describe part-whole relationships for numbers up to 10.	
Q3 Weeks 27-28	K.7 TSW recognize the attributes of a penny, nickel, dime, and quarter, and identify the number of pennies equivalent to a nickel, a dime, and a quarter.	
Week 29	Q3 Benchmark (Math Quarterly Assessment)	
Q4 Weeks 30-31	K.1a TSW tell how many are in a given set of 20 or fewer objects by counting orally. K.1b TSW read, write, and represent numbers from 0 through 20. K.3a TSW count forward orally by ones from 0 to 100. K.3c TSW identify the number after, without counting, when given any number between 0 and 100.	*Lesson 10.1: Count to 30 by Ones *Lesson 10.2: Count to 50 by Ones *Lesson 10.3: Count to 100 by Ones *Lesson 10.4: Count to 100 by Tens
Q4 Weeks 32-33	K.5 TSW investigate fractions by representing and solving practical problems involving equal sharing with two sharers.	n/a
Q4 Weeks 34-35	K.9 TSW compare two objects or events, using direct comparisons, according to one or more of the following attributes: length (longer, shorter), height (taller, shorter), weight (heavier, lighter), temperature (hotter, colder), volume (more, less), and time (longer, shorter).	*Lesson 13.1: Compare Heights *Lesson 13.2: Compare Lengths *Lesson 13.4: Compare Weights *Lesson 13.6: Compare Capacities
Q4 Weeks 36-37	K.8 TSW investigate the passage of time by reading and interpreting a calendar.	n/a
Week 38	VKRP (End of year assessment)	
Week 39		