

Wells Elementary School

Kindergarten Curriculum

MATH

Grade Level: K
UNIT/MODULE: Module 1
Numbers to 10

Focus Skills/Strategies:

1. Analyze, sort, and classify objects to count and compare numbers
2. Find hidden partners in numbers
3. Identify objects in linear and dot array configurations
4. Compose and decompose numbers with materials, drawings, and expressions
5. Identify and understand the concept of zero
6. Number formation 0-10
7. Identify one more and one less of numbers 0-10

STANDARD(S):

- Know number names and the count sequence. (K.CC.3)
- Count to tell the number of objects. (K.CC.4, K.CC.5)
- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from. (K.OA.3)
- Classify objects and count the number of objects in each category. (K.MD.3)

PERFORMANCE INDICATORS	LEARNING TARGETS ("I CAN" STATEMENTS)
Writing numbers from 0-20 Daily observations End of Module 1 Assessment	K.CC.3 I can write numbers from 0-20. I can write the numeral for the number of objects I counted.
Daily observations End of Module 1 Assessment	K.CC.4 I can count objects by saying the number names in standard order, pairing each object with one and only one number name. I can understand that the last number name I said tells the number of objects counted. I can understand that each successive number name is one more than the previous number.

Daily observations End of Module 1 Assessment	K.CC.5 I can answer “how many” questions about up to 10 items that are arranged in a line, array, circle, or scattered configuration. I can count to show a given number up to 10 by counting out objects.
Daily observations End of Module 1 Assessment	K.OA.3 I can decompose numbers less than or equal to 10 by using objects or drawings.
Daily observations End of Module 1 Assessment	K.MD.3 I can classify objects into given categories. I can count the number of objects in each category and sort them by count.

Grade Level: K
UNIT/MODULE: Module 2
Two-Dimensional and Three-Dimensional Shapes

Focus Skills/Strategies: 1. Name 2D and 3D shapes 2. Describe attributes of 2D and 3D shapes 3. Use position words to describe placement of objects 4. Identify shapes as flat and solid
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STANDARD(S): • Analyze, compare, create, and compose shapes. K.G.B.4 • Classify objects and count the number of objects in each category. K.MD.B.3 • Correctly name shapes regardless of their orientations or overall size. K.G.A.2 • Identify and describe shapes. K.G.A.1 K.G.A.2 K.G.A.3	
PERFORMANCE INDICATORS	LEARNING TARGETS (“I CAN” STATEMENTS)
Daily observations	K.G.B.4 I can analyze, compare, create, and compose

	shapes.
Daily observations End of module assessment	K.MD.B.3 I can classify objects and count the number of objects in each category.
Daily observations End of module assessment	K.G.A.2 I can name shapes regardless of size or orientation.
Daily observations End of module assessment	K.G.A.1 K.G.A.2 K.G.A.3 I can identify and describe shapes.

Grade Level: K

UNIT/MODULE: Module 3

Comparison of length, weight, capacity, and numbers to 10

Focus Skills/Strategies:

1. Comparison of length and height using longer than/shorter than
2. Comparison of weight using heavier than/lighter than
3. Comparison of volume using more than/less than/same
4. Comparing numbers within 10 using more than/less than/same
5. Describe and compare measurable attributes

STANDARD(S):

1. Compare numbers. K.CC.C.6 | K.CC.C.7
2. Count to tell the number of objects. K.CC.B.4.a
3. Counting & Cardinality K.CC.B.4.a | K.CC.C.6 | K.CC.C.7
4. Describe and compare measurable attributes. K.MD.A.1 | K.MD.A.2
5. Measurement & Data K.MD.A.1 | K.MD.A.2
6. Operations & Algebraic Thinking K.OA.A.3
7. Understand addition, and understand subtraction. K.OA.A.3

LEARNING TARGETS ("I CAN" STATEMENTS)

- I can compare numbers K.CC.C.6 | K.CC.C.7

- I can count to tell the number of objects K.CC.B.4.a
- I can compare written numerals K.CC.B.4.a | K.CC.C.6 | K.CC.C.7
- I can compare sets of objects K.CC.B.4.a | K.CC.C.6 | K.CC.C.7
- I can describe and compare measurable attributes such as length, weight, height, and capacity K.MD.A.1 | K.MD.A.2
- I can understand addition and subtraction K.OA.A.3

Grade Level: K

UNIT/MODULE: Module 4

Focus Skills/Strategies:

Number pairs, addition and subtraction to 10

STANDARD(S):

1. Count to tell the number of objects. K.CC.B.4.c
2. Counting & Cardinality K.CC.B.4.c
3. Understand addition, and understand subtraction. K.OA.A.1 | K.OA.A.2 | K.OA.A.3 | K.OA.A.4 | K.OA.A.5

LEARNING TARGETS ("I CAN" STATEMENTS)

- I can count to tell the number of objects K.CC.B.4.c
- I can understand that numbers get larger when I count K.CC.B.4.c
- I can understand addition is putting together and adding to K.OA.A.4
- I can understand subtraction as taking apart and taking from K.OA.A.4
- I can fluently add and subtract within 5 K.OA.A.5
- I can show addition and subtraction with objects, fingers, drawings, explanations, or equations K.OA.A.1
- I can solve addition and subtraction word problems K.OA.A.2
- I can take apart numbers less than or equal to 10 into pairs more than one way K.OA.A.3
- I can pair numbers to make 10 K.OA.A.4

Grade Level: K

UNIT/MODULE: 5

Focus Skills/Strategies:

Numbers 10-20 and counting to 100

STANDARD(S):

1. Count to tell the number of objects. K.CC.B.4 | K.CC.B.5
2. Counting & Cardinality K.CC.A.1 | K.CC.A.2 | K.CC.A.3 | K.CC.B.4 | K.CC.B.5
3. Know number names and the count sequence. K.CC.A.1 | K.CC.A.2 | K.CC.A.3
4. Number & Operations in Base Ten K.NBT.A.1
5. Operations & Algebraic Thinking K.OA.A.4
6. Understand addition, and understand subtraction. K.OA.A.4
7. Work with numbers 11-19 to gain foundations for place value. K.NBT.A.1

LEARNING TARGETS ("I CAN" STATEMENTS)

- I can count to tell the number of objects K.CC.B.4 | K.CC.B.5
- I can count to 100 by 1's and 10's K.CC.A.1
- I can count forward from a given number K.CC.A.2
- I can write numbers from 0-20 K.CC.A.3
- I can put together and take apart numbers from 11-19 into 10 ones and some more K.NBT.A.1
- I can understand addition as putting together and adding to and subtraction as taking apart and taking from K.OA.A.4

Grade Level: K

UNIT/MODULE: 6

Focus Skills/Strategies:

Analyzing, Comparing, and Composing Shapes

Assessment(s):

Teacher observation and classroom activities

STANDARD(S):

1. Analyze, compare, create, and compose shapes. K.G.B.4 | K.G.B.5 | K.G.B.6
2. Count to tell the number of objects. K.CC.B.4.a
3. Counting & Cardinality K.CC.B.4.a
4. Geometry K.G.B.4 | K.G.B.5 | K.G.B.6

LEARNING TARGETS ("I CAN" STATEMENTS)

I can recognize shapes.
I can compare shapes.
I can talk about parts of shapes.