Kindergarten

concepts + tools

K.NR.1: Demonstrate and explain the relationship between numbers and quantities up to 20; connect counting to cardinality (the last number counted represents the total quantity in a set).

Model a number on a 5 frame

Model a number and count on a 10 frame

Using a 10 frame to add on to 5

Compare numbers on 5 frames

Compare numbers on 10 frames

Counting on to add- Linking Cubes

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K.NR.2: Use count sequences within 100 to count forward and backward in sequence

K.NR.3: Use place value understanding to compose and decompose numbers from 11–19.

K.NR.2	Counting on a 100's chart
K.NR.3	Making 10 on a ten frame

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K.NR.4: Identify, write, represent, and compare numbers up to 20

Count and write numbers zero to 100

Compare objects using ten frames and linking cubes

Compare numbers up to ten using a ten frame

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K.NR.5: Explain the concepts of addition, subtraction, and equality and use these concepts to solve real-life problems within 10.

Using a ten frame to add on to 5

Subtract within 5 on a 5 frame

Using a ten frame to subtract to 5

Counting on to add- Linking Cubes

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Number Bonds & Patterns

Partner numbers of five

Partner numbers of six

Partner numbers of seven

Partner numbers of eight

Partner numbers of nine

Partner numbers of ten

The 5+n pattern

Understanding Addition

Understanding subtraction

The 10+n pattern

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K.MDR.7: Observe, describe, and compare the physical and measurable attributes of objects and analyze graphical displays of data.

Measure and compare objects