

Kindergarten Number Sense Continuum

	Early Kindergarten [1]	Mid-Kindergarten [2]	Late Kindergarten (year-end target) [3]
Stable order counting Assessment Activities	Recites 1-5	Recites 1-10, beginning to count forward from different starting points	Counts forward and backward from different starting points up to 10
One-to-one correspondence Assessment Activities	Counts objects out loud, matching each number to one item, up to 5	Counts objects out loud, matching each number to one item, up to 10	Organizes and counts up to 10 objects using one-to-one matching <small>*students may display counting either, out loud, with eyes, or with head nods</small>
Conservation Assessment Activities	Recounts a set of up to 5 objects after they are rearranged	States that the number of objects (up to 10) stays the same when rearranged, but may still recount to confirm	Recognizes that rearranging up to 10 objects does not change the quantity and restates the number without recounting
Cardinality Assessment Activities	Counts objects in a set up to 5 but may not consistently understand that the last number represents the total	States the total as the last number counted in a set up to 10, though may make errors with larger or scattered sets	Accurately identifies the total as the last number counted in a set up to 10
Sequencing Assessment Activities	Orders numerals 0-5 relying on counting aloud as a strategy	Orders numerals 0-10 relying on counting aloud and recounting as a strategy	Orders numerals 0-10
Linking Sets to numerals Assessment Activities	Matches quantities in a set to numerals up to 5	Matches quantities in a set to numerals up to 10	
Subitizing Assessment Activities	Instantly recognizes quantities up to 3 without counting; up to 5 in familiar patterns (e.g. dice, dominoes)	Instantly recognizes quantities up to 6 in familiar patterns (e.g. dice, dominoes)	Instantly recognizes irregular dot patterns up to 6 without counting
Comparing Quantities Assessment Activities	Uses language like more/less when comparing sets		
Decomposition (Part-Part-Whole) Assessment Activities	Composes sets of 5 using fingers, objects, or pictures, and explains that the total stays the same even when the parts change. Can recognize and describe different combinations that make 5	Composes sets of 10 using fingers, objects, or ten frames, and describes how different combinations can be used to make 10	Composes and decomposes 10 in a variety of ways concretely, pictorially, and symbolically

Kindergarten Number Sense Assessment Activities

These activities support assessment and responsive teaching by guiding data collection and instruction across whole-group, small-group, and one-on-one settings. Many of the tasks—like Counting Collections—are designed to be used repeatedly, allowing students to deepen their understanding over time. Teachers can begin with whole-group experiences, then scoop individual students or small groups for further exploration when understanding of a concept is uncertain.

[Kindergarten ENP Class Tracker](#)

[Kindergarten ENP Individual Student Tracker](#)

[Co-Creating Learning Conditions \(start here\)](#)

Stable Order Counting

[Counting to 10 with Pete the Cat](#)

[Let's Count](#)

[Choral Counting](#)

[Counting Collections Infographic](#)

[Counting Collections Resources](#)

One-to-one Correspondence

[Fill the Cup](#)

[Number Talk Images](#)

[Dandelion Math](#)

[Counting Collections Infographic](#)

[Counting Collections Resources](#)

[Creating Class Number Books](#)

Conservation

[Manipulative Pictures](#)

[Do I Still Have 5?](#)

[Scratch Garden Video - Counting and Conservation](#)

Cardinality

[Sort Me](#)

[Number Talk Images](#)

[Paperclip Counting](#)

[Making Muffins](#)

[Counting Collections Infographic](#)

[Counting Collections Resources](#)

Sequencing

[Clothesline Math](#)

[Arranging Lego Towers](#)

[Roll and Count Backwards](#)

Linking Sets to Numerals

[Matching Clothespin to Picture](#)

[Representing Numbers - Cupcakes](#)

[Domino Parking Lot](#)

[Concept Circles](#)

[Representing Numbers Show What You Know \(Term 3\)](#)

Subitizing

[Same But Different Images](#)

[Count with Your Eyes Guide](#)

[Subitizing Slides](#)

[Quick Images](#)

[Roll Mr. Potato Head](#)

Comparing Quantities	<u>Jack Hartman Song</u> <u>What's at Your Place?</u> <u>Play War with Ten Frame Deck</u> <u>Grab, Count, Compare</u>
Decomposition (Part-Part-Whole)	<u>Splat Math Numbers Through 10</u> <u>Rekenreks Online Tool</u> <u>Make your own Rekenrek</u> <u>Rekenrek Activities</u> <u>Shut the Box Game</u> - with printable option <u>Number Balance</u> (with website or scale) <u>Roll and Count on</u> <u>Concept Circles</u> <u>Decomposition - Show What You Know Term 3</u> <u>Recommended Books</u> <u>Fosnot - From Fives to Tens to Automaticity</u> <u>Fosnot - Rhoda Red</u> (ways to make 5 and 10)