Kindergarten Math
Math Essential Standards
Proficiency Scale

Math Standard 1: If a group of objects up to 20 is rearranged I can state the number of objects without recounting. (State standard reads: Count to tell the number of objects.)

Big Idea is Conservation

K.CC.B Conservation of a number is the understanding that the total quantity of the group remains the same (invariant) regardless of how the objects are physically rearranged, spread out or moved together. It is a milestone for higher level math -add/subtract.

Score 4.0 Advanced	4 Mastery: Student counts up to 20 objects once. When the group is rearranged (e.g., from a row to a circle) the student instantly stated the same total without recounting or hesitation
Score 3.0 Proficient (Target)	3 Proficient: Student counts up to 14 objects. After rearrangement, the student correctly states the total without recounting, demonstrating clear understanding that quantity remains constant.
Score 2.0 Basic	2 Developing: Student correctly states total for rearranged groups up to 10, but struggles or attempts to recount when quantity approaches 20.
Score 1.0 Below Basic	1 Emerging: Student must recount the objects every time they are moved, regardless of the group size, and does not yet understand the total number stays the same.
Score 0.0 No Evidence	0 No Evidence: Student is still learning to count to 10.

Intervention Activities Level 0.5 - 1.0
(Below basic Minimal Engagement)
Goal:

Intervention Activities Level 1.5 - 2.0
(Basic - Needs Support)

Goal:

Intervention Activities Level 2.5 - 3.0
(Proficient - Target)

Goal:

Intervention Activities Level 3.5 - 4.0
(Advanced - Extended Learning)

Goal:

Extension Activities for 3.RC.V.2

Formative Assessments (Check for Understanding – Ongoing)

Summative Assessment (End of Unit/Theme)