EMDI Questions/Recording: Pre-Kindergarten

Student: _____ **Teacher:**_____ **Date:** _____

1_PK. Count a Collection

Materials: a collection of 10 counters

A. "Show me 6 counters."
B. When done ask, "How many counters are there?"

Abilities	Challenges/Strategies	Notes
☐ Correctly counts to 6	☐ Correctly counts to _____	
☐ Creates a set of 6	☐ Creates a set of _____	
☐ 1-1 Correspondence	☐ Lacks 1-1 Correspondence	
☐ Slides counters to keep track	☐ Doesn't keep track of count	
☐ Says "6" without recounting	☐ Recounts to say 6	

Count a Collection (1_PK-F)

Materials: a collection of 3 counters

A. Place three counters in a line and say, "Count these counters."
B. When finished, ask, "How many counters are there?"

Abilities	Challenges/Strategies	Notes
☐ Correctly counts to 3	☐ Correctly counts to _____	
☐ 1-1 Correspondence	☐ Lacks 1-1 Correspondence	
☐ Says "3" without recounting	☐ Doesn't keep track of count	
	☐ Recounts to say 3	

2_PK. Forward Number Sequence

Materials: None

A. "Start counting at 1. I will tell you when to stop." (Stop the student at 20.)
B. "When you count, what number comes right after 4?"
C. "When you count, what number comes right after 8?"

Abilities	Challenges/Strategies	Notes
☐ Counts from 1 to 20 fluently	☐ Correctly counts from 1 to ___	
	☐ Drops back to count - Uses fingers to count - other	
☐ After 4 is 5	☐ After 4 is _____	
☐ After 8 is 9	☐ After 8 is _____	

Forward Number Sequence (2_PK-F)   Materials: None

A. "Start counting at 1. I will tell you when to stop." (Stop the student at 10.)
B. "When you count, what number comes right after 1?"
C. "When you count, what number comes right after 4?"

Abilities	Challenges/Strategies	Notes
☐ Counts from 1 to 10 fluently	☐ Correctly counts from 1 to _____ ☐ Runs numbers together when counting (chanting) ☐ Drops back to count ☐ Uses fingers to count - other	
☐ After 1 is 2	☐ After 1 is _____	
☐ After 4 is 5	☐ After 4 is _____	

3_PK. Backward Number Sequence   Materials: None

"Start at 5 and count down."

Abilities	Challenges/Strategies	Notes
☐ Correctly counts back from 5 fluently	☐ Counts back to _____ ☐ Counts forward to count back ☐ Unable to count back	

4_PK. Subitizing   Materials: dot cards in order 2, 4, 5, 3

"I am going to show you some cards with dots on them very quickly."
Present one card at a time for 2 seconds and say, "How many dots do you see?"

Abilities	Challenges/Strategies	Notes
Identifies number of dots:		
☐ 2	☐ Identifies as _____	
☐ 4	☐ Identifies as _____	
☐ 5	☐ Identifies as _____	
☐ 3	☐ Identifies as _____	
	☐ Tries to touch card to count	
	☐ Recreates number on fingers and counts	

Subitizing (3_PK-F)	Materials: dot cards in order 3, 1

"I am going to show you some cards with dots on them very quickly."

Present one card at a time for 2 seconds and say, "How many dots do you see?"

Abilities	Challenges/Strategies	Notes
Identifies number of dots: ☐ 3 ☐ 1	☐ Identifies as _____ ☐ Identifies as _____ ☐ Tries to touch card to count ☐ Recreates number on fingers and counts	

5_PK. Number Identification	Materials: number cards in this order: 3, 8, 5, 1, 7, 0, 9, 2, 4, 10, 6

Present one card at a time in the order shown and ask, "What number is this?"

Abilities	Challenges/Strategies	Notes

Identifies numbers:
 	
☐   3   ☐   9
           ☐   2
☐   8   ☐   4
☐   5   ☐   10
           ☐   6
☐   1
 	
☐   7
 	
☐   0
	☐ Counts up to say number
	
	☐ List incorrect IDs below:
	      (correct number/ number
	      said)	

Number Identification (4_PK-F)	Materials: number cards in this order: 3, 5, 4, 2, 1

Present one card at a time in the order shown and ask, "What number is this?"

Abilities	Challenges/Strategies	Notes

Identifies numbers:
 	
☐   3
 	
☐   5
 	
☐   4
 	
☐   2
 	
☐   1
	☐ Counts up to say number
	
	☐ List incorrect IDs below:
	      (correct number/ number
	      said)	

6_PK. Compare	**Materials:** Dot cards: 5 green; 3 yellow

Show the card with 5 green dots and 3 yellow dots, and say,
"Are there more green dots or more yellow dots?"
Ask: "How do you know?"

Abilities	Challenges/Strategies	Notes
☐ 5 is more than 3 ☐ Sound justification	☐ Confuses meaning of **more** ☐ Not able to compare: ☐ Not able to compare numbers ☐ Not able to say why	

One-to-One Correspondences (5_PK-F)	**Materials:** Screen card with 5 circles, a collection of 8 counters

Place the screen card with five circles in front of the student and the 8 counters to the side of the paper.
    A. Say, "Put one counter in each circle."
    B. Ask, "Do you have any counters left over?"

Abilities	Challenges/Strategies	Notes
☐ 1 to 1 correspondence ☐ Identifies that "some" are left over (Does not have to say there are three left over)	☐ Puts more than one counter in a circle ☐ Leaves a circle with no counter ☐ Places extra counters on paper but not in circles (Follow up: Do these counters have a circle?)	