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## **Supplementary Materials "How we think about numbers - Early counting and mathematical abstraction" - Chapter 3**

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ID \_\_\_\_\_ Experimenter \_\_\_\_\_ Date \_\_\_\_\_

**Give a number – simultaneous sets**

"Let's play a game with Benny Bucket over here"

"Benny Bucket likes to play with these blocks. Do you want to play with Benny Bucket and his blocks?"

"Great! In this game, Benny Bucket want you to put blocks on this plate for him."

	Blocks given	Counted aloud	Count response	Notes
"Can you count how many blocks I gave to Benny Bucket?" - Give 6 blocks	6			
"Can you give Benny Bucket 1 block?"				

- return any blocks given to the pile in front of the child

**If incorrect, demonstrate:**

"Look! Let's give Benny Bucket 1 block"

- put one block on the plate, push plate in front of Benny Bucket and say "Yay!"

"Now it is your turn again"

**Experimental Trials**

	Blocks given	Counted aloud	Count response	Notes
"Can you give Benny Bucket 1 block?"				
"Can you give Benny Bucket 3 blocks?"				
"Can you give Benny Bucket 6 blocks?"				
"Can you give Benny Bucket 2 blocks?"				
"Can you give Benny Bucket 4 blocks?"				
"Can you give Benny Bucket 2 blocks?"				
"Can you give Benny Bucket 6 blocks?"				

ID \_\_\_\_\_ Experimenter \_\_\_\_\_ Date \_\_\_\_\_

	Blocks given	Counted aloud	Count response	Notes
"Can you give Benny Bucket 1 block?"				
"Can you give Benny Bucket 3 blocks?"				
"Can you give Benny Bucket 4 blocks?"				
"Can you give Benny Bucket 6 blocks?"				
"Can you give Benny Bucket 1 block?"				
"Can you give Benny Bucket 2 blocks?"				
"Can you give Benny Bucket 4 blocks?"				
"Can you give Benny Bucket 3 blocks?"				

Notes:

## MultiGiveN21\_protocol

ID \_\_\_\_\_ Experimenter \_\_\_\_\_ Date \_\_\_\_\_

**Give a number – sequential sets**

"Let's play a game with Benny Bucket over here"

"Benny Bucket likes to play with these blocks. Do you want to play with Benny Bucket and his blocks?"

"Great! In this game, Benny Bucket wants you to feed him blocks by taking them out of his bag and dropping them in here."

	Blocks given	Counted aloud	Count response	Notes
"Can you count how many blocks I gave to Benny Bucket?" - Give 6 blocks	6			
"Can you give Benny Bucket 1 block?"				

- return any blocks given to the bag that holds the blocks

**If incorrect, demonstrate:**

"Look! Let's give Benny Bucket 1 block"

- Take one block out of the bag and drop into Benny Bucket and say "Yay!"

"Now it is your turn again"

- If necessary, remind children to only take out one block at a time

	Blocks given	Counted aloud	Count response	Notes
"Can you give Benny Bucket 1 block?"				
"Can you give Benny Bucket 3 blocks?"				
"Can you give Benny Bucket 6 blocks?"				
"Can you give Benny Bucket 2 blocks?"				
"Can you give Benny Bucket 4 blocks?"				
"Can you give Benny Bucket 2 blocks?"				
"Can you give Benny Bucket 6 blocks?"				

## MultiGiveN21\_protocol

ID \_\_\_\_\_ Experimenter \_\_\_\_\_ Date \_\_\_\_\_

	Blocks given	Counted aloud	Count response	Notes
"Can you give Benny Bucket 1 block?"				
"Can you give Benny Bucket 3 blocks?"				
"Can you give Benny Bucket 4 blocks?"				
"Can you give Benny Bucket 6 blocks?"				
"Can you give Benny Bucket 1 block?"				
"Can you give Benny Bucket 2 blocks?"				
"Can you give Benny Bucket 4 blocks?"				
"Can you give Benny Bucket 3 blocks?"				

Notes: