

PATTAN AUTISM INITIATIVE

VB-MAPP Scoring Supplement

Student: _____

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Mand		Level I						
1	Emits 2 mands with echoic or imitative prompt(no physical prompts:	1.						$\frac{1}{2}$
		2.						1
2	Emits 4 mands w/o prompts except item and/or "What do you want?"	1.						$\frac{1}{2}$
		2.						
		3.						
		4.						1
3	Generalizes 6 mands across 2 people, settings, and examples.		People		Setting		Example	$\frac{1}{2}$
		1.						
		2.						
		3.						
		4.						
		5.						
6.						1		
4	Emits 5 mands in 1 hour (item can be present).	1.						$\frac{1}{2}$
		2.						
		3.						1
		4.						
		5.						
5	Emits 10 mands w/o prompts except item and/or "What do you want?"	1.						$\frac{1}{2}$
		2.						
		3.						
		4.						
		5.						
		6.						
		7.						
		8.						
		9.						1
		10.						

Mand		Level 2			
6	Mands for 20 different missing items w/o prompts.	1.	2.	½	
		3.	4.		
		5.	6.		
		7.	8.		
		9.	10.		
			11.	12.	1
			13.	14.	
			15.	16.	
			17.	18.	
			19.	20.	
7	Mands for 5 actions.	1.		½	
		2.			
		3.		1	
		4.			
		5.			
8	Emits 5 different 2 word mands (not including "I want").	1.		½	
		2.			
		3.		1	
		4.			
		5.			
9	Spontaneously emits 15 different mands in 30 minutes (at least 2 MOs involved).	1.	2.	½	
		3.	4.		
		5.	6.		
		7.	8.		
			9.	10.	1
			11.	12.	
			13.	14.	
			15.		
10	Emits 10 new mands without specific training (can be for items trained as tacts or LD but not as mands).	1.		½	
		2.			
		3.			
		4.			
		5.			
			6.		1
			7.		
			8.		
			9.		
			10.		

Mand		Level 3	
11	Spontaneously mands for different verbal information with “Wh” question 5 times in 60 minutes.	1.	$\frac{1}{2}$
		2.	
		3.	1
		4.	
		5.	
12	Politely mands for removal of aversive/stop an activity for 5 different circumstances.	1.	$\frac{1}{2}$
		2.	1
		3.	
		4.	
		5.	
13	Mands with 10 different adjectives, prepositions, or adverbs in 60 minutes.	1.	$\frac{1}{2}$
		2.	
		3.	
		4.	
		5.	
		6.	1
		7.	
		8.	
		9.	
		10.	
14	Gives directions, instructions, or explanations as to how to do something or participate in an activity 5 times.	1.	$\frac{1}{2}$
		2.	1
		3.	
		4.	
		5.	
15	Mands for others to attend to his own verbal behavior at least 5 times.	1.	$\frac{1}{2}$
		2.	1
		3.	
		4.	
		5.	

Tact		Level I	
1	Tacts any two items (people, pet, character, or object) (may be part mand) (no echoic prompt)	1.	$\frac{1}{2}$
		2.	1
2	Tacts any 4 items (may be part mand) (not echoic prompts)	1.	$\frac{1}{2}$
		2.	
		3.	
		4.	1
3	Tacts 6 non-reinforcing items (w/o echoic prompts)	1.	$\frac{1}{2}$
		2.	
		3.	
		4.	
		5.	
		6.	1
4	Spontaneously tacts 2 items during an observation (TO: 60 min)	1.	$\frac{1}{2}$
		2.	1
5	Tacts 10 items (common objects, body parts, pictures, or people)	1.	$\frac{1}{2}$
		2.	
		3.	
		4.	
		5.	
		6.	
		7.	
		8.	
		9.	
		10.	

Tact				Level 2									
6	Tacts 25 items when asked “what’s that?”			Tacts 20 items (1 exemplar) from list in Tact 7 (see below)				$\frac{1}{2}$					
				Tacts 25 items (1 exemplar) from list in Tact 7 (see below)				1					
7	Tacts across 3 exemplars of 50 items	Item Name			1	2	3	Item Name			1	2	3
		1.					26.						
		2.					27.						
		3.					28.						
		4.					29.						
		5.					30.						
		6.					31.						
		7.					32.						
		8.					33.						
		9.					34.						
		10.					35.						
		11.					36.						
		12.					37.						
		13.					38.						
		14.					39.						
		15.					40.						
		16.					41.						
		17.					42.						
		18.					43.						
		19.					44.						
		20.					45.						
		21.					46.						
		22.					47.						
		23.					48.						
		24.					49.						
		25.					50.						
Score $\frac{1}{2}$ if student can only tact 2 exemplars of each											$\frac{1}{2}$		
Score $\frac{1}{2}$ if student can only tact 2 exemplars of each											1		
8	Tacts 10 ongoing actions		1. Clapping				6. Blowing						
			2. Jumping				7. Dancing						
			3. Sneezing				8. Waving						
			4. Sleeping				9. Coughing						
			5. Crying				10. Knocking						

		$\frac{1}{2}$	1
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9	Tacts 50 two-component verb-noun or noun verb combinations	1. Rolling ball	26.
		2. Bouncing ball	27.
		3. Rolling pencil	28.
		4. Tapping pencil	29.
		5. Stacking Blocks	30.
		6. Cutting Paper	31.
		7. Throwing Ball	32.
		8. Opening Door	33.
		9. Eating Chips	34.
		10. Reading Book	35.
		11. Knocking on Table	36.
		12. Knocking on Door	37.
		13. Clapping Hands	38.
		14. Opening Mouth	39.
		15. Blowing Bubbles	40.
		16. Popping Bubbles	41.
		17. Wiping Table	42.
		18. Drinking Juice	43.
		19. Pouring Juice	44.
		20. Opening Box	45.
		21. Closing Box	46.
		22. Opening Drawer	47.
		23. Closing Drawer	48.
		24. Tying Shoe	49.
		25. Brushing Hair	50.
			$\frac{1}{2}$
10	Tacts a total of 200 nouns and/or verbs. See lists from Appendix	Tacts 150 items and/or actions	$\frac{1}{2}$
		Tacts 200 total	1

Tact			Level 3			
11	Tact color, shape, and function of 5 items.	Item	What color is it?	What shape is it?	What do you do with it?	
Score ½ if student can tact 2 features or functions of all 5 items.			Score 1 if student responds to all items correctly.			
12	Tact 4 prepositions and 4 pronouns (see appendix below)	Total pronouns: _____		Total prepositions: _____		
Score ½ if student can tact 4 of either or at least 4 of a combination of both.		Score 1 if student labels at least 4 prepositions and 4 pronouns.				
13	Tact 4 different adjectives excluding colors and shapes and 4 adverbs (see appendix)	Total adjectives: _____		Total adverbs: _____		
Score ½ if student labels 4 of either or at least 4 of a combination of both.		Score 1 if student labels at least 4 adjectives and 4 adverbs.				
14	Tacts using at least 3 words 20 times				½	
	Tacts using 4 or more words 20 times				1	
15	Tacts at least 750 non-verbal stimuli				½	

	Tacts at least 1000 non-verbal stimuli	1
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Listener Responding		Level I		
1	Attends to a speaker's voice by making eye contact with the speaker 5 times.	Orients 3 Times	$\frac{1}{2}$	
		Orients 5 Times	1	
2	Responds to hearing his own name 5 times		1	
3	Looks at, touches, or points to the correct family member, pet, or other reinforcer when presented in an array of 2, for 5 different reinforcers (e.g., Where's Elmo? Where's Mommy?)	1.	$\frac{1}{2}$	
		2.		
		3.	1	
		4.		
		5.		
4	Performs 4 different motor actions on command without a visual prompt (e.g., Can you jump? Show me clapping)	Action 1 two times	Action 2 two times	$\frac{1}{2}$
		Action 1	Action 2	1
		Action 3	Action 4	
5	Selects the correct item from an array of 4, for 20 different objects or pictures (e.g., Show me cat. Touch shoe)	1.	$\frac{1}{2}$	
		2.		
		3.		
		4.		
		5.		
		6.		
		7.		
		8.		
		10.		
		11.		
		12.		
		13.		
14.				
15.				

		16.	1
		17.	
		18.	
		19.	
		20.	

Listener Responding		Level 2		
6	Selects the correct item from a messy array of 6 for 40 different objects or pictures (e.g., Find cat. Touch ball.)	1.	14.	$\frac{1}{2}$
		2.	15.	
		3.	16.	
		4.	17.	
		5.	18.	
		6.	19.	
		7.	20.	
		8.	21.	
		9.	22.	
		10.	23.	
		11.	24.	
		12.	25.	
		13.		
		26.	34.	
		27.	35.	
		28.	36.	
		29.	37.	
		30.	38.	
		31.	39.	

			32.			40.			
			33.						
7	Generalizes listener	Item Name	1	2	3	Item Name	1	2	3

		1. Apple				26. Computer			
		2. Cookies				27. Bowl			
		3. Bird				28. Balloons			
		4. Cat				29. Blocks			
		5. Airplane				30. Table			
		6. Car				31. Back Pack			
		7. Shoes				32. Cake			
		8. Shirt				33. Cereal			
		9. Chair				34. Candy			
		10. Bed				35. Lion			
		11. Ball				36. Bus			
		12. Spoon				37. Pretzels			
		13. Cup				38. Pig			
		14. Flower				39. Dog			
		15. Bicycle				40. Truck			
		16. Banana				41. Fire Truck			
		17. Pizza				42. Bubbles			
		18. Ice Cream				43. Chips			
		19. Cow				44. Puzzle			
		20. Fish				45. Elephant			
		21. Hat				46. Crayons			
		22. Clock				47. Paint			
		23. Keys				48. Socks			
		24. Scissors				49. Pants			
		25. TV				50. Train			
				Score $\frac{1}{2}$ if student can only tact 2 exemplars of 25			1		
8	Performs 10 specific motor actions on command (e.g., Show me clapping. Can you hop?)	6. Clapping				11. Blowing			
		7. Jumping				12. Dancing			
		8. Sneezing				13. Waving			
		9. Sleeping				14. Coughing			
		10. Crying				15. Knocking			
					$\frac{1}{2}$			1	
9	Follows 50 two-component noun-verb	1. Ball Rolling				26.			
		2. Ball Bouncing				27.			

	and/or verb-noun instructions (e.g., Show me the baby sleeping. Push the swing)	3. Pencil Rolling		28.		
		4. Pencil Tapping		29.		
		5. Stacking Blocks		30.		
		6. Cutting Paper		31.		
		7. Throwing Ball		32.		
		8. Opening Door		33.		
		9. Eating Chips		34.		
		10. Reading Book		35.		
		11. Knocking on Table		36.		
		12. Knocking on Door		37.		
		13. Clapping Hands		38.		
		14. Opening Mouth		39.		
		15. Blowing Bubbles		40.		
		16. Popping Bubbles		41.		
		17. Wiping Table		42.		
		18. Drinking Juice		43.		
		19. Pouring Juice		44.		
		20. Opening Box		45.		
		21. Closing Box		46.		
		22. Opening Drawer		47.		
		23. Closing Drawer		48.		
		24. Tying Shoe		49.		
		25. Brushing Hair		50.		
				$\frac{1}{2}$	1	
		10	Selects the correct item in a book, picture scene, or natural environment when named, for 250 items (Tested or from an accumulated list of known words)	25	50	$\frac{1}{2}$
				75	100	
125	150					
175	200			1		
225	250					

Listener Responding		Level 3			
11	Selects items by color and shape from an array of six similar stimuli, for 4 colors and 4 shapes (e.g., Find the red car. Find the square cracker)	Color 1:	Color 2:	$\frac{1}{2}$	
		Shape 1:	Shape 2:		
		Color 3:	Color 4:	1	
		Shape 3:	Shape 4:		
12	Follows 2 instructions involving 6 different prepositions (e.g., Stand behind the chair) and 4 different pronouns (e.g., Touch my ear)	Prepositions		Pronouns	
		1.	1.	1.	1.
		2.	2.	2.	2.
		1.	1.	1.	1.
		2.	2.	2.	2.
		1.	1.	1.	1.
		2.	2.	2.	2.
		1.	1.	1.	1.
		2.	2.	2.	2.
		1.	1.	1.	1.
		2.	2.	2.	2.
		1.	1.	1.	1.
		2.	2.	2.	2.
		Score $\frac{1}{2}$ if student can: <ul style="list-style-type: none"> - Follow 2 instructions for each of 3 different prepositions and 2 different pronouns or..... - Follow 2 instructions for each of 6 different prepositions but not for pronouns or vice versa 			
Score 1 if student can follow 2 instructions for each of the different prepositions and pronouns tested.					

13	Selects items from and	Adjectives	Adverbs
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If student can: <ul style="list-style-type: none"> - Selects items from array of similar stimuli based on 2 pairs of relative adjectives and follows 2 instructions involving 2 different adverbs but has some from each category or... - LDs 4 different adjectives, but not adverbs, or vice versa 			½	
If student selects items from and array of similar stimuli based on 4 pairs of relative adjectives and demonstrates actions based on 4 pairs of relative adverbs			1	
14	Follows 3-step directions for 10 different directions (e.g., Get your coat, hang it up, and sit down)	1.	½	
		2.		
		3.		
		4.		
		5.		
		6.	1	
		7.		
		8.		
		9.		
		10.		
15	Has a total listener repertoire of 1200 words (nouns, verbs, adjectives, etc.) tested or from an accumulated list of known words	100	200	½
		300	400	
		500	600	
		700	800	
		900	1000	1
		1100	1200	

Visual Perception/Match to Sample			Level 1			
1	Visually tracks moving stimuli for 2 seconds, 5 times	1.		2.		$\frac{1}{2}$
		3.	4.		5.	
2	Grasps small objects with thumb, index finger, and middle finger (pincer grasp) 5 times	1.		2.		$\frac{1}{2}$
		3.	4.		5.	
3	Visually attends to a toy or book for 30 seconds. (Not a self stim item)	15 seconds				$\frac{1}{2}$
		30 seconds				
4	Places 3 items in a container, stacks 3 blocks or places 3 rings on a peg for 2 of these or similar activities.	Two items for a single activity				$\frac{1}{2}$
		1				
		2				
		Activity one		Activity two		1
		1.		1.		
		2.		2.		
3.		3.				
5	Matches any 10 identical items (e.g. inset puzzles, toys, objects, or pictures).	5 items				$\frac{1}{2}$
		1.				
		2.				
		3.				
		4.				
		5.				
		10 items				1
		6.				
		7.				
		8.				
		9.				
10.						

Visual Perception/Match To Sample				Level 2	
6	Matches identical objects or pictures in a messy array of 6 for 25 items.	1.	6.	11.	$\frac{1}{2}$
		2.	7.	12.	
		3.	8.	13.	
		4.	9.	14.	
		5.	10.	15.	
		16.	21.		1
		17.	22.		
		18.	23.		
		19.	24.		
		20.	25.		
7	Sorts similar colors and shapes for 10 different colors or shapes given models (e.g., given red, blue, and green bowls and a pile of red, blue, and green bears the child sorts the items by color)	1.		6.	
		2.		7.	
		3.		8.	
		4.		9.	
		5.		10.	
		$\frac{1}{2}$		1	
8	Matches identical objects or pictures in a messy array of 8 containing 3 similar stimuli, for 25 items (e.g., matches a dog to a dog in an array that also contains a cat, pig, and pony)	1.	6.	11.	$\frac{1}{2}$
		2.	7.	12.	
		3.	8.	13.	
		4.	9.	14.	
		5.	10.	15.	
		16.	21.		1
		17.	22.		
		18.	23.		
		19.	24.		
		20.	25.		
9	Matches non-identical objects or non-identical pictures in a messy array of 10, for 25 items (e.g., matches a Ford truck to a Toyota truck)	1.	6.	11.	$\frac{1}{2}$
		2.	7.	12.	
		3.	8.	13.	
		4.	9.	14.	
		5.	10.	15.	
		16.	21.		1
		17.	22.		
		18.	23.		
		19.	24.		
		20.	25.		
10	Matches non-identical objects (3D) to pictures (2D) and/or vice versa, in a messy array of 10 containing 3 similar stimuli, for 25 items.	1.	6.	11.	$\frac{1}{2}$
		2.	7.	12.	
		3.	8.	13.	
		4.	9.	14.	
		5.	10.	15.	
		16.	21.		1
		17.	22.		
		18.	23.		
		19.	24.		
		20.	25.		

		20.	25.	
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Visual Perception/Match To Sample			Level 3				
11	Spontaneously matches any part of an arts and crafts activity to another person's sample 2 times. (e.g., a peer colors a balloon red and a child copies the peer's red color for his balloon)	Activity one:			½		
		Activity two:			1		
12	Demonstrates generalized non-identical matching in a messy array of 10 with 3 similar stimuli, for 25 items (i.e., matches new items on the first trial)	1.	6.	11.	½		
		2.	7.	12.			
		3.	8.	13.			
		4.	9.	14.			
		5.	10.	15.			
		16.	21.		1		
		17.	22.				
		18.	23.				
		19.	24.				
		20.	25.				
13	Completes 20 different block designs, parquetry shape puzzles, or similar tasks with at least 8 different pieces.	4 pieces				½	
		1.	6.	11.	16.		
		2.	7.	12.	17.		
		3.	8.	13.	18.		
		4.	9.	14.	19.		
		5.	10.	15.	20.		
		8 Pieces				1	
		1.	6.	11.	16.		
		2.	7.	12.	17.		
		3.	8.	13.	18.		
		4.	9.	14.	19.		
		5.	10.	15.	20.		
		14	Sorts 5 items from 5 different categories without a model (e.g., star, triangle, heart, star, triangle....)	3 items from 3 categories			½
				1.	2.	3.	
5 items from 5 categories				1			
1.	2.				3.		
4.	5.						
15	Continues 20 three-step patterns, sequences, or seriation tasks (e.g., star, triangle, heart, star, triangle...)	20 - two step				½	
		1.	6.	11.	16.		
		2.	7.	12.	17.		
		3.	8.	13.	18.		
		4.	9.	14.	19.		
		5.	10.	15.	20.		
		20 – three step				1	
		1.	6.	11.	16.		
		2.	7.	12.	17.		
		3.	8.	13.	18.		
4.	9.	14.	19.				

		5.	10.	15.	20.	
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Independent Play			Level 1		
1	Manipulates and explores objects for 1 minute (e.g., looks at a toy, turns it over, presses buttons) (timed observation 30 minutes)	30 seconds during 30 minute observation			$\frac{1}{2}$
		1 minute during a 30 minute observation			1
2	Shows variation in play by independently interacting with 5 different items (e.g., plays with rings, then a ball, then a block) (timed observation 30 minutes)	3 different items during a 30 minute observation			$\frac{1}{2}$
		1.	2.	3.	
		5 different items during a 30 minute observation			1
		1.	2.	3.	
4.	5.				
3	Demonstrates generalization by engaging in exploratory movement and playing with the toys in a novel environment for 2 minutes (e.g., in a new playroom) (timed observation 30 minutes)	1 minute during a 30 minute observation			$\frac{1}{2}$
		2 minutes during a 30 minute observation			1
4	Independently engages in movement play for 2 minutes (e.g., swinging, dancing, rocking, jumping, climbing) (timed observation 30 minutes)	1 minute during 30 minute observation			$\frac{1}{2}$
		2 minutes during 30 minute observation			1
5	Independently engages in cause-and-effect play for 2 minutes (e.g., dumping containers, playing with pop-up toys, pulling toys, etc.) (timed observation 30 minutes)	1 minute during 30 minute observation			$\frac{1}{2}$
		2 minutes during 30 minute observation			1

Independent Play			Level 2		
6	Searches for a missing or corresponding toy or part of a set for 5 items or sets (e.g., a puzzle piece, a ball for a drop-in toy, a bottle for a baby doll).	Set/Activity 1		Set/Activity 2	$\frac{1}{2}$
		Set/Activity 3	Set/Activity 4	Set/Activity 5	1
7	Independently demonstrates the use of toys or objects according to their function for 5 items (e.g. placing a train on a track, pulling a wagon, holding a telephone to the ear)	Item 1		Item 2	$\frac{1}{2}$
		Item 3	Item 4	Item 5	1
8	Plays with everyday items in creative ways 2 times (e.g., uses a bowl as a drum or a box as a n imaginary car)	Item 1			$\frac{1}{2}$
		Item 2			1
9	Independently engages in play on structures and playground equipment for a total of 5 minutes (e.g. going down a slide, swinging) timed observation.	2 minutes during a 30 minute observation			$\frac{1}{2}$
		5 minutes during a 30 minute observation			1
10	Assembles toys that have multiple parts for 5 different sets of materials (e.g., Mr. Potato head, Little People sets, Cootie Bugs, Kind K' Next).	Two sets			$\frac{1}{2}$
		1.			
		2.			
		Five sets			1
		3.			
4.					
5.					

Independent Play			Level 3		
11	Spontaneously engages in pretend or imaginary play on 5 occasions (e.g., dressing up, a pretend party with stuffed animals, pretends to cook)	Occasion 1		Occasion 2	$\frac{1}{2}$
		Occasion 3	Occasion 4	Occasion 5	1
12	Repeats a gross motor behavior to obtain a better effect for 2 activities (e.g., throwing a ball in a basket, swinging a bat at a T-ball, foot stomping to launch a rocket, pumping a swing)	Activity 1			$\frac{1}{2}$
		Activity 2			1
13	Independently engages in arts and crafts type activities for 5 minutes (e.g., drawing, coloring, painting, cutting, pasting)	2 minutes			$\frac{1}{2}$
		5 minutes			1
14	Independently engages in sustained play activities for 10 minutes without adult prompts or reinforcement (e.g., playing with a Etch-a-sketch, playing dress up)	5 minutes w/o prompts			$\frac{1}{2}$
		10 minutes w/o prompts			1
15	Independently draws or writes in pre-academic activity books for 5 minutes (e.g., to-to-dot, matching games, mazes, tracing letters and numbers)	2 minutes			$\frac{1}{2}$
		5 minutes			1

Social Behavior and Social Play		Level 1			
1	Makes eye contact as a type of mand 5 times (TO: 30)	Time 1		Time 2	$\frac{1}{2}$
		Time 3	Time 4	Time 5	1
2	Indicates that he wants to be held or physically played with 2 times (e.g., climbs up on his mom's lap) (timed observation 60 minutes)	Time 1			$\frac{1}{2}$
		Time 2			1
3	Spontaneously makes eye contact with other children 5 times (TO: 60 min.)	Time 1		Time 2	$\frac{1}{2}$
		Time 3	Time 4	Time 5	1
4	Spontaneously engages in parallel play near other children for a total of 2 minutes (e.g., sits in the sandbox near other children). (timed observation 30 minutes)	1 minute during a 30 minute observation			$\frac{1}{2}$
		2 minute during a 30 minute observation			1
5	Spontaneously follows peers or imitates their motor behavior 2 times (e.g., follows a peer into a playhouse. (timed observation 30 minutes)	Time 1 - in 30 minutes			$\frac{1}{2}$
		Time 1	Time 2		1

Social Behavior and Social Play		Level 2			
6	Initiates a physical interaction with a peer 2 times (e.g., a push in a wagon, hand holding, Ring Around the Rosy). (timed observation 30 minutes)	Time 1		$\frac{1}{2}$	
		Time 1	Time 2	1	
7	Spontaneously mands to peers 5 times (e.g., <i>My turn, Push me, Look! Come On.</i>) . (timed observation 60 minutes)	Time 1		$\frac{1}{2}$	
		Time 3	Time 4	Time 5	1
8	Engages in sustained social play with peers for 3 minutes without adult prompts or reinforcement (e.g., cooperatively setting up a play set, water play) (timed observation 30 minutes)	2 minute during a 30 minute observation			$\frac{1}{2}$
		5 minute during a 30 minute observation			1
9	Spontaneously responds to the mands from peers 5 times (e.g., <i>Pull me in the wagon, I want the train.</i>)	Time 1		Time 2	$\frac{1}{2}$
		Time 3	Time 4	Time 5	1
10	Spontaneously mands to peers to participate in games, social play, etc., 2 times (e.g., <i>Come on you guys, Let's dig a hole.</i>) (timed observation 60 minutes)	Time 1 - in one-hour			$\frac{1}{2}$
		Time 1		Time 2	1

Social Behavior and Social Play		Level 3			
11	Spontaneously cooperates with a peer to accomplish a specific outcome 5 times (e.g., one child holds a bucket while the other pours the water).	Time 1		Time 2	$\frac{1}{2}$
		Time 3	Time 4	Time 5	1
12	Spontaneously mands to peers with WH question 5 times (e.g., <i>Where are you going? What's that? Who are you being?</i>) (timed observation 60 minutes)	Mand 1		Mand 2	$\frac{1}{2}$
		Mand 3	Mand 4	Mand 5	1
13	Intraverbally responds to 5 different questions or statements from peers (e.g. verbally responds to <i>What do you want to play?</i>)	IV Response 1		IV Response 2	$\frac{1}{2}$
		IV Response 3	IV Response 4	IV Response 5	1
14	Engages in pretend social play activities with peers for 5 minutes without adult prompts (e.g., dress up play, acting out	2 minutes			$\frac{1}{2}$

	videos, playing house)	5 minutes		1
15	Engages in 4 verbal exchanges on 1 topic with peers for 5 topics (e.g. the children go back and forth talking about making a creek in a sandbox)	Exchange 1	Exchange 2	$\frac{1}{2}$
		Exchange 3	Exchange 4	1

Motor Imitation		Level 1		
1	Imitates 2 gross motor movements when prompted with, <i>Do this</i> (e.g., clapping, raising arms)	Action 1		$\frac{1}{2}$
		Action 2		1
2	Imitates 4 gross motor movements when prompted with, <i>Do this</i>	Action 1	Action 2	$\frac{1}{2}$
		Action 3	Action 4	1
3	Imitates 8 motor movements, 2 of which involve objects (e.g., shaking a maraca, tapping sticks together)	Actions - w/o objects		$\frac{1}{2}$
		1.		
		2.		
		3.		
		4.		
		5.		
		6.		
Plus 2 - with objects		1		
7.				
8.				
4	Spontaneously imitates the motor behaviors of others on 5 occasions.	Occasion 1	Occasion 2	$\frac{1}{2}$
		Occasion 3	Occasion 4	Occasion 5
5	Imitates 20 motor movements of any type (e.g., fine motor, gross motor, imitation with objects)	15 movements		$\frac{1}{2}$
		1.	9.	
		2.	10	
		3.	11.	
		4.	12.	
		5.	13.	
		6.	14.	
		7.	15.	
		8.		
		20 movements		1
		16.	19.	
		17.	20.	
18.				

Motor Imitation

Level 2

6	Imitates 10 actions that require selecting a specific object from an array (e.g., selects a drum-stick from an array also containing a horn and a bell, and imitates an adult's drumming)	1.	½
		2.	
		3.	
		4.	
		5.	
		6.	1
		7.	
		8.	
		9.	
		10.	
7	Imitates 20 different fine motor actions when prompted, Do this (e.g., wiggling fingers, pinching, making a fist, making a butterfly)	1.	½
		2.	
		3.	
		4.	
		5.	
		6.	
		7.	
		8.	
		9.	
		10.	
		11.	1
		12.	
		13.	
		14.	
		15.	
		16.	
		17.	
		18.	
		19.	
		20.	

8	Imitates 10 different three-component sequences of actions when prompted. Do this (e.g., clapping, jumping, touching toes, pick up a doll, place her in a crib, and rock the crib)	Two - component		½
		1.		
		2.		
		3.		
		4.		
		5.		1
		Three - component		
		1.	6.	
		2.	7.	
		3.	8.	
4.	9.			
5.	10.			
9	Spontaneously imitates 5 functional skills in the natural environment (e.g., eating with a spoon, putting on a coat, removing shoes)	Two functional skills		½
		1.	2.	
		Five functional skills		1
		3.	5.	
4.				
10	Imitates (or attempts to with approximations) any novel motor action modeled by an adult with and without objects (i.e., a “generalized imitative repertoire”)	List any novel motor actions		1
		1.		
		2.		
		3.		
		4.		
		5.		
		6.		
		7.		

		Echoic	Level 1
1	Scores at least 2 on the EESA subtest.	Scores a 1	½
		Scores a 2	1
2	Scores at least 5 on the EESA subtest.	Scores a 3	½
		Scores a 5	1
3	Scores at least 10 on the EESA subtest	Scores a 7	½
		Scores a 10	1
4	Scores at least 15 on the EESA subtest.	Scores a 12	½
		Scores a 15	1
5	Scores at least 25 on the EESA subtest (at least 20 from group I)	Scores 20 with at least 15 from group 1	½
		Scores 25 or more with a t least 15 from group 1	1

		Echoic	Level 2
6	Scores at least 50 on the EESA subtest (at least 20 from Group 2)	Scores 40 on the EESA subtest (15 from Group 2)	½
		Scores 50 on the EESA subtest (20 from Group 2)	1
7	Scores at least 60 on the EESA subtest.	Scores 55 on the EESA subtest	½
		Scores 60 on the EESA subtest	1
8	Scores at least 70 on the EESA subtest.	Scores 65 on the EESA subtest	½
		Scores 70 on the EESA subtest	1
9	Scores at least 80 on the EESA subtest	Scores 75 on the EESA subtest	½
		Scores 80 on the EESA subtest	1
10	Scores at least 90 on the EESA subtest (at least 10 from Groups 4 & 5)	Scores 85 on the EESA subtest (at least 10 from Group 4 & 5)	

	4 and 5)		$\frac{1}{2}$
		Scores 65 on the EESA subtest (at least 10 from Group 4 & 5)	1

Spontaneous Vocal Behavior		Level 1	
1	Spontaneous emits an average of 5 sounds each hour. (timed observation 60 minutes)	Average of 5 speech sounds each hour	$\frac{1}{2}$
		Average of 2 speech sounds each hour	1
2	Spontaneously emits 5 different sounds, averaging 10 total sounds each hour. (timed observation 60 minutes)	3 different sounds, averaging 10 total sounds each hour	$\frac{1}{2}$
		5 different sounds, averaging 10 total sounds each hour	1
3	Spontaneously emits 10 different sounds with varying intonations, averaging 25 total sounds each hour. (timed observation 60 minutes)	5 different sounds with varying intonations averaging 25 total sounds each hour.	$\frac{1}{2}$
		10 different sounds with varying intonations, averaging 25 total sounds each hour.	1
4	Spontaneously emits 5 different whole word approximations. (TO: 60 min.)	2 words approximations during observation.	$\frac{1}{2}$
		5 word approximations during observation.	1
5	Spontaneously vocalizes 15 whole words or phrases with appropriate intonation and rhythm. (timed observation 60 minutes)	8 different identifiable word approximations during a 1-hour observation.	$\frac{1}{2}$
		15 different identifiable word approximations during a 1-hour observation.	1

Listener Responding By Function, Feature, and Class (LRFFC)		Level 2			
6	Selects 5 different foods or drinks when each is presented in an array of 5 (along with 4 non-food or non-drink items) and asked the verbal fill-ins... <i>You eat...and You drink...</i>	Item 1		Item 2	$\frac{1}{2}$
		Item 3	Item 4	Item 5	1
7	Selects the correct item from an array of 8, for 25 different LRFFC fill-in statements of any type (e.g., <i>You sit on a ...</i>)	1.			$\frac{1}{2}$
		2.			
		3.			
		4.			
		5.			
		6.			
		7.			
		8.			
		9.			1
		10.			
		11.			
		12.			
		13.			
		14.			
		15.			
		16.			
		17.			
		18.			
		19.			
		20.			
		21.			
		22.			
		23.			
		24.			
		25.			

8	<p>Selects the correct item from an array of 10 (or from a book), for 25 different verb-noun LRFFC <i>what, which, or who</i> questions (e.g., <i>What do you ride? Which one barks? Who can help?</i>)</p>	1.	1/2
		2.	
		3.	
		4.	
		5.	
		6.	
		7.	
		8.	
		9.	
		10.	
		11.	1
		12.	
		13.	
		14.	
		15.	
		16.	
		17.	
		18.	
		19.	
		20.	
		21.	
		22.	
		23.	
		24.	
		25.	

9	Selects an item given 3 different verbal statements about each item when independently presented (e.g., Find an animal. What barks? What has paws?) for 25 items.	1.			$\frac{1}{2}$
		2.			
		3.			
		4.			
		5.			
		6.			
		7.			
		8.			
		9.			
		10.			
		11.			
		12.			
		13.			
		14.			
		15.			
		16.			
		17.			
		18.			
		19.			
		20.			
		21.			
		22.			
		23.			
		24.			
		25.			
10	Spontaneously tacts the item on 50% of the LRFFC trials (e.g., says <i>dog</i> given the verbal statement, <i>find an animal</i> , and a visual array containing a picture of a dog)	25% of LRFFC trials OR if he tacts on 50% of the trials but always requires a prompt at the beginning of the session for LRFFC's.			$\frac{1}{2}$
		50% of the LRFFC trials...OR if he tacts on 50% of the trials, but always requires one prompt at the beginning of the LRFFC session.			1

**Listener Responding By Function,
Feature, and Class (LRFFC)**

Level 3

11	Selects the correct item from an array of 10 that contains 3 similar stimuli (e.g., similar color, shape, or class, but they are the wrong choices), for 25 different WH questions LRFFC tasks.	1.	$\frac{1}{2}$
		2.	
		3.	
		4.	
		5.	
		6.	
		7.	
		8.	
		9.	
		10.	
		11.	
		12.	
		13.	
		14.	
		15.	
		16.	
		17.	
		18.	
		19.	
		20.	
		21.	
		22.	
		23.	
		24.	
		25.	
12	Selects items from a book based on 2 verbal components: either a feature (e.g., color), function (e.g., draw with), or class (e.g., clothing) for 25 LRFFC tasks. (e.g.. <i>Do you see a brown animal? Can you find some clothing with buttons?</i>)	1.	$\frac{1}{2}$
		2.	
		3.	
		4.	
		5.	
		6.	
		7.	
		8.	
		9.	
		10.	
		11.	
		12.	
		13.	
		14.	
		15.	

12	(Continued) Selects items from a book based on 2 verbal components: either a feature (e.g., color), function (e.g., draw with), or class (e.g., clothing) for 25 LRFFC tasks. (e.g., <i>Do you see a brown animal? Can you find some clothing with buttons?</i>)	16.	1
		17.	
		18.	
		19.	
		20.	
		21.	
		22.	
		23.	
		24.	
		25.	
13	Selects items from a page in a book or in the natural environment based on 3 verbal components (e.g., verb, adjective, preposition, pronoun), for 25 WH question LRFFC tasks (e.g., Which milks the cow?) for 25 different topics.	15 items (mix of verbs, nouns, prepositions, adjectives, or adverbs)	½
		1,	
		2.	
		3.	
		4.	
		5.	
		6.	
		7.	
		8.	
		9.	
		10.	
		11	
		12.	
		13.	
		14.	
		15.	
		25 Items	1
		16.	
		17.	
		18.	
		19.	
		20.	
21.			
22.			

		23.	
		24.	
		25.	

14	<p>Selects the correct items from a book or the natural environment given 4 different rotating LRFFC questions about a single topic (<i>where does the cow live? What does the cow eat? Who milks the cow?</i>) for 25 different topics.</p>	Topic 1		$\frac{1}{2}$		
		1.	2.			
		3.	4.			
		Topic 2				
		1.	2.			
		3.	4.			
		Topic 3				
		1.	2.			
		3.	4.			
		Topic 4				
		1.	2.			
		3.	4.			
		Topic 5				
		1.	2.			
		3.	4.			
		Topic 6				
		1.	2.			
		3.	4.			
		Topic 7				
		1.	2.			
		3.	4.			
		Topic 8				
		1.	2.			
		3.	4.			
		Topic 9				
		1.	2.			
		3.	4.			
		Topic 10				
		1.	2.			
		3.	4.			
		Topic 11				
		1.	2.			
		3.	4.			
Topic 12						
1.	2.					
3.	4.					
Topic 13						
1.	2.					
3.	4.					
Topic 14						
1.	2.					
3.	4.					
Topic 15						

		1.	2.	
		3.	4.	

14	(Continued) Selects the correct items from a book or the natural environment given 4 different rotating LRFFC questions about a single topic (<i>where does the cow live? What does the cow eat? Who milks the cow?</i>) for 25 different topics.	Topic 16		1		
		1.	2.			
		3.	4.			
		Topic 17				
		1.	2.			
		3.	4.			
		Topic 18				
		1.	2.			
		3.	4.			
		Topic 19				
		1.	2.			
		3.	4.			
		Topic 20				
		1.	2.			
		3.	4.			
		Topic 21				
		1.	2.			
		3.	4.			
		Topic 22				
		1.	2.			
		3.	4.			
		Topic 23				
		1.	2.			
		3.	4.			
		Topic 24				
1.	2.					
3.	4.					
Topic 25						
1.	2.					
3.	4.					
15	Demonstrates 1000 different LRFFC responses, tested or obtained from an accumulated list of known responses. (750 = ½ point) (1000 = 1 point)	Record the LRFFC's on a separate skills tracking sheet and date the totals below as they are completed. Keep the recorded LRFFC's in the student's program book for reference.				½ 1
		25	50	75	100	
		125	150	175	200	
		225	250	275	300	
		325	350	375	400	
		425	450	475	500	
		525	550	575	600	
		625	650	675	700	
		725	750	775	800	

		825	850	875	900	
		925	950	975	1000	

		Intraverbal	Level 2
6	Completes 10 different fill-in-blank phrases of any type (e.g., song fill-ins, social games and fun full-in, animal or object sounds)	1.	
		2.	
		3.	
		4.	
		5.	
		$\frac{1}{2}$	
7	Provides first name when asked, <i>What is your name?</i>	Name:	1
8	Completes 25 different fill-in-blank phrases (not including songs) (e.g., <i>You eat...You sleep in a ...Shoes and...</i>)	1.	$\frac{1}{2}$
		2.	
		3.	
		4.	
		5.	
		6.	
		7.	
		8.	
		9.	
		10.	
		11.	1
		12.	
		13.	
		14.	
		15.	
		16.	
		17.	
		18.	
		19.	
		20.	
		21.	
		22.	
		23.	
		24.	
		25.	

9	Answers 25 different <u>what</u> questions (e.g., <i>What do you like to eat?</i>)	1.	13.
		2.	14.
		3.	15.
		4.	16.
		5.	17.
		6.	18.
		7.	19.
		8.	20.
		9.	21.
		10.	22.
		11.	23.
		12.	24.
			25.
			1 $\frac{1}{2}$
10	Answers 25 different <u>who or where</u> questions (e.g., <i>Whose your friend? Where is your pillow?</i>)	1.	13.
		2.	14.
		3.	15.
		4.	16.
		5.	17.
		6.	18.
		7.	19.
		8.	20.
		9.	21.
		10.	22.
		11.	23.
		12.	24.
			25.
			1 $\frac{1}{2}$

Intraverbal		Level 3												
11	<p>Spontaneously emits 20 intraverbal comments (can be part mand) (e.g., <i>Dad says, I'm going to the car, and the child spontaneously says, I want to go for a ride!</i>)</p>	1.												
		2.												
		3.												
		4.												
		5.												
		6.												
		7.												
		8.												
		9.												
		10.												
		11.												
		12.												
		13.												
		14.												
		15.												
		15.												
		16.												
		17,												
		18.												
		19.												
20.														
12	<p>Demonstrates 300 different intraverbal responses, tested or obtained from an accumulated list of known intraverbals.</p> <p>(200 Responses = ½ point)</p> <p>(300 Responses = 1 point)</p>	Record the responses on a separate skills tracking sheet and date the totals below as they are completed. Keep the recorded responses in the student's program book for reference.												
		<table border="1" style="width: 100%; text-align: center;"> <tr> <td>25</td> <td>50</td> <td>75</td> <td>100</td> </tr> <tr> <td>125</td> <td>150</td> <td>175</td> <td>200</td> </tr> <tr> <td>225</td> <td>250</td> <td>275</td> <td>300</td> </tr> </table>	25	50	75	100	125	150	175	200	225	250	275	300
		25	50	75	100									
		125	150	175	200									
225	250	275	300											

		Passage	Question 1	Question 2
		1		
		2		
		3		
		4		
		5		
		6		
		7		
		8		
		9		
		10		
		11		
		12		
		13		
		14		
		15		
		16		
		17		
		18		
		19		
		20		
		21		
		22		
		23		
		24		
		25		
			$\frac{1}{2}$	1

13

Answers 2 questions after being read short passages (15 + words) from books, for 25 passages (e.g., *Who blew the house down?*)

14	Describes 25 different events, videos, stories, etc. with 8+ words (e.g., <i>Tell me what happened.... The big monster scared everybody and they all ran into the house.</i>)	12 different events, videos, stories, etc (5 word responses w/o prompts)	1/2
		1. Describing: Response:	
		2. Describing: Response:	
		3. Describing: Response:	
		4. Describing: Response:	
		5. Describing: Response:	
		6. Describing: Response:	
		7. Describing: Response:	
		8. Describing: Response:	
		9. Describing: Response:	
		10. Describing: Response:	
		11. Describing: Response:	
		12. Describing: Response:	
		25 different events, videos, stories, etc (8 word responses w/o prompts)	1
		13. Describing: Response:	
		14. Describing: Response:	
		15. Describing: Response:	
		16. Describing: Response:	
		16. Describing: Response:	
		17. Describing: Response:	
		18. Describing: Response:	
		19. Describing: Response:	
		20. Describing: Response:	
		21. Describing: Response:	
		22. Describing: Response:	
23. Describing: Response:			
24. Describing: Response:			
25. Describing: Response:			

15	Answers 4 different rotating WH questions about a single topic for 10 topics (e.g., <i>Who takes you to school? Where do you go to school? What do you take to school?</i>)	3 different WH questions about a single topic for 5 topics	$\frac{1}{2}$
		4 different WH questions about a single topic for 10 topics	1
		Topic 1: 1. 2. 3. 4.	
		Topic 2: 1. 2. 3. 4.	
		Topic 3: 1. 2. 3. 4.	
		Topic 4: 1. 2. 3. 4.	
		Topic 5: 1. 2. 3. 4.	
		Topic 6: 1. 2. 3. 4.	
		Topic 7: 1. 2. 3. 4.	
		Topic 8: 1. 2. 3. 4.	
		Topic 9: 1. 2. 3. 4.	
		Topic 10: 1. 2. 3. 4.	

Group		Level 2	
6	Sits at group snack or lunch table without negative behaviors for 3 minutes	Sits without negative behaviors for 1 minutes	½
		As shown....	1
7	Puts away personal items, lines up, or comes to a table with only 1 verbal prompt	Requires only one prompt	½
		As shown....	1
8	Transitions between classroom activities with no more than 1 gestural or verbal prompt	Requires only one prompt	½
		As shown....	1
9	Sits in a small group or 3 or more children for 5 minutes without disruptive behavior or attempting to leave the group.	Sits for 5 minutes	½
		As shown....	1
10	Sits in a small group of 3 or more children for 10 minutes, attends to teacher or materials for 50% of the period, and responds to 5 of teacher's S ^D s	Attends for at least 33% of the period and responds to at least 2 of teacher's S ^D s	½
		As shown....	1

Group		Level 3	
11	Uses the toilet and washes hands with only verbal prompts.	Toilets and washes hands but requires physical assistance	½
		Toilets and washes with verbal prompts	1
12	Responds to 5 different group instructions or questions without direct prompts in a group of 3 or more children (e.g. , <i>Everybody stand up, Does anyone have a red shirt on?</i>)	2 different group instructions or questions w/o prompts in group of 3 or more.	½
		As shown ...	1
13	Works independently for 5 minutes in a group, and stays on task for 50 % of the period.	As shown except...2 minutes involving 3 or more children	½
		As shown...involving 3 or more children	1
14	Acquires 2 new behaviors during a 15-minute group-teaching format involving 5 or more children.	1 new behavior as shown... measured post test	½
		As shown... measured post test.	1
15	Sits in a 20-minute group session involving 5 children without disruptive behaviors and answers 5 intraverbal questions.	As shown but answers 2 intraverbal questions	½
		As shown...	1

Linguistic Structure		Level 2	
6	The child's articulation of 10 tacts can be understood by familiar adults who cannot see the item tacted.	As shown...but 5 tacts	½
		As shown...	1
7	Has a total listener vocabulary of 100 words (e.g., <i>Touch nose, Jump, Find keys, etc..</i>)	As shown... but 50 words	½
		As shown ...	1
8	Emits 10 different 2-word utterances per day of any type except echoic (e.g., mand, tact)	5 – different 2-word...except echoic	½
		As shown...can involve verbal prompts...(i.e., <i>What is that?</i>)	1
9	Emits functional prosody (i.e., rhythm, stress, intonation) on 5 occasions in one day (i.e., puts emphasis or stress on certain words such as, <i>It's MINE!</i>)	2 occasions on one day	½
		As shown....	1
10	Has a total speaker vocabulary size of 300 words (all verbal operants, except echoic)	200 words...	½
		As shown...	1

Linguistic Structure		Level 3	
11	Emits noun inflections by combining 10 root nouns with suffixes for plurals (e.g., <i>dog vs. dogs</i>) and 10 root nouns with suffixes for possessions (e.g., <i>dog's collar vs. cat's collar</i>)	Noun inflections for 10 noun plural combinations but not for 10 noun possession combinations or vice versa.	½
		As shown....	1
12	Emits verb inflections by combining 10 root verbs with affixes for regular past tense (e.g., <i>played</i>) and 10 root verbs with affixes for future tense (e.g. <i>will play</i>).	Verb inflections in any of the verbal operants but echoic for 10 past tense verbs but not for 10 future tense verbs or vice versa.	½
		As shown ...	1
13	Emits 10 different noun phrases containing at least 3 words with 2 modifiers (e.g., adjectives, prepositions, pronouns) (e.g., <i>He's my puppet. I want chocolate ice cream.</i>)	10 different 3- word noun phrases in any of the verbal operants except echoic.	½
		As shown...except not in any echoic responses	1
14	Emits 10 different verb phrases containing at least 3 words with 2 modifiers (e.g., adverbs, prepositions, pronouns) (e.g., <i>Push me hard. Go up the steps.</i>)	5 different 3-word phrases...except echoic...	½
		As shown... except echoic responses...	1
15	Combines noun and verb phrases to produce 10 different syntactically correct clauses or sentences containing a least 5 words (e.g., <i>The dog licked my face.</i>)	5 different syntactically correct clauses or sentences except echoic responses...	½
		As shown...except echoic responses...	1

Reading		Level 3						
11	Attends to a book when a story is being read to him for 75% of the time. (timed observation 3 min)	As shown but 50% of the time without prompts to attend to the book.				$\frac{1}{2}$		
		As shown...without prompts to attend to the book.				1		
12	Selects (LD's) the correct uppercase letter from an array of 5 letters, for 10 different letters.	5 letter for 5 different letters...				$\frac{1}{2}$		
		1.	2.	3.				
		4.		5.				
		As shown...				1		
		6.	7.	8.				
		9.		10.				
Notes:								
13	Tacts 10 uppercase letters on command.	A	B	C	D	E	F	
		G	H	I	J	K	L	
		M	N	O	P	Q	R	
		S	T	U	V	W	X	
		Y	Z					
		5 uppercase letters						$\frac{1}{2}$
		10 uppercase letters						1
14	Reads his own name.	Yes				1		
		No						
15	Matches 5 words to the corresponding pictures or items in an array of 5, and vice versa (e.g., matches the written word <i>bird</i> to a picture of a bird).	1.				$\frac{1}{2}$		
		2.						
		3.						
		4.				1		
		5.						

Writing								Level 3	
11	Imitates 5 different writing actions modeled by an adult using a writing instrument and a writing surface.	Three different writing actions modeled by adult						$\frac{1}{2}$	
		1.	2.	3.					
		Five different writing actions...						1	
4.	5.								
12	Independently traces within $\frac{1}{4}$ of the lines of 5 different geometrical shapes (e.g., circle, square, triangle, rectangle, star).	Three different geometrical shapes						$\frac{1}{2}$	
		1.							
		2.							
		Five different geometrical shapes						1	
		3.							
4.									
5.									
13	Copies 10 letters or numbers legibly.	1.						$\frac{1}{2}$	
		2.							
		3.						1	
		4.							
		5.							
14	Legibly spells and writes his own name without copying.	Approximates the letters in his name but they are not clear enough to read and/or he misspells his name.						$\frac{1}{2}$	
		As shown...(legibly does not need to be neat)						1	
15	Independently copies all 26 uppercase and lowercase letters legibly.	Upper	Lower	Upper	Lower	Upper	Lower	Approximates the letters, but they are not clear enough to read.	$\frac{1}{2}$
		A	a	J	j	S	s		
		B	b	K	k	T	t		
		C	c	L	l	U	u		
		D	d	M	m	V	v		
		E	e	N	n	W	w	As shown...	1
		F	f	O	o	X	x		
		G	g	P	p	Y	y		
		H	h	Q	q	Z	z		
I	i	R	r	Notes:					

Math		Level 3					
11	Identifies <u>as a listener</u> the numbers 1-5 in an array of 5 different numbers.	Numbers 1-3 in an array of 3. (1) (2) (3)	$\frac{1}{2}$				
		Numbers 1-5 in an array of 5. (1) (2) (3) (4) (5)		1			
		12	Tacts numbers 1-5	Tacts any three numbers 1-5 (1) (2) (3) (4) (5)	$\frac{1}{2}$		
				Tacts 1-5 in a mixed up order (1) (2) (3) (4) (5)	1		
13	Counts out 1-5 from a larger set of items with 1 to 1 correspondence (e.g., <i>Give me 4 cars. Now give me 2 cars.</i>)			Counts out 1-3... (1) (2) (3)	$\frac{1}{2}$		
		As shown... (1) (2) (3) (4) (5)	1				
		14	Identifies as a listener 8 different comparisons involving measurement (e.g., <i>show me more or less, big or little, long or short, full or empty, loud or quiet</i>).	Six different comparisons involving measure 1. 2. 3. 4. 5. 6.	$\frac{1}{2}$		
Eight different comparisons 7. 8.	1						
15	Correctly matches a written number to a quantity and a quantity to a written number for the numbers 1-5 (e.g., matches the number 3 to a picture of 3 trucks).			1-3 in a random order <i>Written number to a quantity.</i> (One) (Two) (Three)		$\frac{1}{2}$	
				<i>Quantity to a written number.</i> (1) (2) (3)			
				1-5 in a random order <i>Written number to a quantity.</i> (One) (Two) (Three) (Four) (Five)			1
				<i>Quantity to a written number.</i> (1) (2) (3) (4) (5)			

Appendix

Tact Pictures of Common Items Language Builder Card Set)

		T	R			T	R			T	R
1	Apple			36	Car			71	Bicycle		
2	Apple			37	Car			72	Bicycle		
3	Apple			38	Car			73	Bicycle		
4	Apples			39	Car			74	Bicycle		
5	Apple			40	Car			75	Bicycle		
6	Apple			41	Car			76	Bicycle		
7	Apples			42	Car			77	Bicycle		
8	Cookies			43	Shoes			78	Basketball		
9	Cookies			44	Shoes			79	Basketball		
10	Cookies			45	Boots			80	Tennis Ball		
11	Cookies			46	Sandals			81	Football		
12	Cookies			47	Shoes			82	Soccer Ball		
13	Cookies			48	Sneakers			83	Baseball		
14	Cookies			49	Shoes			84	Beach Ball		
15	Cat			50	Shirt			85	Spoon		
16	Cat			51	Shirt			86	Spoon		
17	Cat			52	Shirt			87	Spoon		
18	Cat			53	Shirt			88	Spoon		
19	Cat			54	Shirt			89	Spoon		
20	Cat			55	Shirt			90	Spoon		
21	Cat			56	Shirt			91	Spoon		
22	Bird			57	Rocking Chair			92	Cup		
23	Bird			58	Rocking Chair			93	Cup		
24	Bird			59	Chair			94	Cup		
25	Bird			60	Chair			95	Cup		
26	Bird			61	Chair			96	Cup		
27	Bird			62	Chair			97	Cup		
28	Bird			63	Chair			98	Cup		
29	Airplane			64	Bed			99	Flower		
30	Airplane			65	Bed			100	Flower		
31	Airplane			66	Bed			101	Flower		
32	Airplane			67	Bed			102	Flower		
33	Airplane			68	Bed			103	Flower		
33	Airplane			69	Bed			104	Flower		
34	Airplane			70	Bed			105	Flower		
35	Airplane										

Foods											
		T	R			T	R			T	R
106	Banana			124	Tacos			142	Butter		
107	Grapes			125	Pizza			143	Ketchup		
108	Orange			126	Burger			144	Peanut butter		
109	Watermelon			127	Hotdog			145	Crackers		
110	Strawberries			128	Corn Dog			146	Corn Chips		
111	Peach			129	Chicken			147	Cheese puffs		
112	Grapefruit			130	Chicken nugget			148	Pretzels		
113	Corn			131	French Fries			149	Popcorn		
114	Tomatoes			132	Cake			150	Jell-O		
115	Broccoli			133	Cupcake			151	Ice Cream		
116	Carrots			134	Donut			152	Popsicle		

117	Peas			135	Cereal			153	Raisins		
118	Salad			136	Cereal			154	Fruit Roll		
119	Spaghetti			137	Bagel			155	Candy		
120	Noodles			138	Bread			156	Gummy bears		
121	Rice			139	Toast			157	Gum		
122	Soup			140	Eggs			158	Milk		

Animals											
		T	R			T	R			T	R
161	Lion			171	Snake			181	Sheep		
162	Tiger			172	Lizard			182	Goat		
163	Elephant			173	Turtle			183	Cow		
164	Rhino			174	Spider			184	Horse		
165	Hippo			175	Frog			185	Dog		
166	Zebra			176	Fish			186	Rabbit		
167	Giraffe			177	Duck			187	Mouse		
168	Kangaroo			178	Turkey						
169	Bear			179	Chicken						
170	Alligator			180	Pig						

123	Sandwich			141	Cheese			159	Soda		
								169	Juice		

Vehicles											
		T	R			T	R			T	R
188	Truck			195	Ambulance			202	Train		
189	Van			196	Police Car			203	Boat		
190	Jeep			197	Tow Truck			204	Ship		
191	Motorcycle			198	Truck-shipping			205	Helicopter		
192	Bus			199	Dump Truck						
193	Mail Truck			200	Bulldozer						
194	Fire Truck			201	Tractor						

Clothing											
		T	R			T	R			T	R
206	Pants			212	Jacket			218	Socks		
207	Jeans			213	Sweatshirt			219	Belt		
208	Shorts			214	Swimsuit (g)			220	Hat		
209	Dress			215	Swimsuit (b)			221	Gloves		
210	Skirt			216	Underwear(b)						
211	Sweater			217	Underwear(g)						

Furniture											
		T	R			T	R			T	R
222	Couch			224	Table-dining			226	Dresser		
223	Table (coffee)			225	Crib			227	Desk		

Toys											
		T	R			T	R			T	R
228	Baseball Bat			238	Bubbles			248	Doll		
229	Baseball Mitt			239	Balloon			249	Doll		
230	Wagon			240	Legos			250	Puzzle		
231	Tricycle			241	Blocks			251	View master		
232	Helmet			242	Tinker toys			252	Cassette player		
233	Rollerblades			243	Play-dough			253	Potato head		
234	Slide			244	Crayons			254	Car-toy		
235	Swing			245	Paints						
236	Bucket			246	Dinosaurs						
237	Shovel			247	Teddy bear						

Everyday Objects											
		T	R			T	R			T	R
255	Plate			271	Towel			287	Glasses		
256	Bowl			272	Soap-liquid			288	Clock		
257	Knife			273	Soap-bar			289	Pencil		

258	Fork			274	Toothbrush			290	Scissors		
259	Frying pan			275	Hairbrush			291	Books		
260	Hammer			276	Comb			292	Backpack		
261	Pillow			277	Phone			293	Lunchbox		
262	Trash can			278	Camera			294	Guitar		
263	Vacuum			279	Computer			295	Stroller		
264	Broom			280	Television			296	Swimming pool		
265	Stove			281	iPod			297	Clouds		
266	Stairs			282	Headphones			298	Grass		
267	Lamp			283	CD			299	Leaf		
268	Toilet			284	iPad			300	Rocks		
269	Bathtub			285	Umbrella			301	Dirt		
270	sink			286	keys						

Colors

		T	R			T	R			T	R
302	Red			311	Blue			320	White		
303	Red			312	Purple			321	White		
304	Orange			313	Purple			322	Grey		
305	Orange			314	Black			323	Grey		
306	Yellow			315	Black						
307	Yellow			316	Brown						
308	Green			317	Brown						
309	Green			318	Pink						
310	Blue			319	Pink						

Shapes

		T	R			T	R			T	R
324	Square			332	Diamond			340	Moon		
325	Square			333	Diamond			341	Moon		
326	Circle			334	Oval			342	Octagon		
327	Circle			335	Oval			343	Octagon		
328	Triangle			336	Heart			344	Pentagon		
329	Triangle			337	Heart			345	Pentagon		
330	Rectangle			338	Star			346	Arrow		
331	Rectangle			339	Star			347	Arrow		

Body Parts			LD “Touch your __”			Tact “What’s this?”			LD “Touch my __”		
Ankle											
Arms											
Cheeks											
Chest											
Chin											
Ears											
Elbow											
Eyebrow											
Eyelashes											
Eyes											
Feet											
Fingers											
Hair											
Hands											
Head											
Knee											
Legs											

Common Items/People/Places

Mouth			
Nail			
Neck			
Nose			
Shoulders			
Teeth			
Toes			
Tummy/belly			

Common Items/People/Places

ITEM	FACT	ED	ITEM	FACT	ED	ITEM	FACT	ED
Acorn			Bowling Ball			Crown		
Almond			Bowling Pin			Cucumber		
Aluminum Foil			Box			Cutting Board		
Ant			Boy			Cymbals		
Apron			Bread					
Aardvark			Bridge					
Artichoke			Broccoli					
Artist			Building					
Avocado			Bumble Bee					
Astronaut			Bus Driver			Dancer		
Avocado						Deer		
Ax						Delivery man/woman		
						Dentist		
						Dining Room		
			Cabinet			Doctor		
Baboon			Cactus			Donkey		
Bacon			Camel			Door		
Bag			Candle			Dragon		
Band Aid			Cash Register			Dragon Fly		
Barn			Cashier			Drill		
Baseball			Castanets			Dry Erase Board		
Basement			Castle			Dry Erase Marker		
Basket Ball			Caterpillar			Dryer		
Basketball Hoop			CD			Dust Pan		
Bassoon			CD Player			DVD Player		
Bat (animal)			Celery					
Battery			Chalkboard					
Beach Ball			Charger					
Beads			Cheese Puff					
Beans			Cherry			Eagle		
Beaver			Chrysalis			Earphones		
Bee			Clam			Earrings		
Beets			Classroom			Easel		
Bell			Closet			Elevator		
Bin			Clown			Elf		
Binoculars			Coin			Envelope		
Birdhouse			Colored Pencils			Equal Sign (=)		
Blanket			Cookie Cutter			Eraser		
Blender			Compass			Escalator		
Blinds			Construction Paper			Exclamation Point (!)		
Blueberries			Construction Worker			Earphones		
Bookshelf			Container			Elevator		
Boots			Cornucopia			Envelope		
Bottle			Cotton ball			Equal Sign (=)		
Bow			Crab			Eraser		

Common Items/People/Places

Escalator		Grater		Ladder
Exclamation Point (!)		Grocery Store		Lady Bug
		Ground Hog		Lady Bug
				Lemon
				Laundry Bag
				Library
				Life Jacket
Fan		Hand Dryer		Light Bulb
Feather		Hanger		Living Room
Fence		Harp		Lock
Fire		Headphones		Ladder
Fire Pit		Hill		Lady Bug
Fireman		Horn		Lady Bug
Fireworks		Hot Air Balloon		Lantern
Flag		House		Laundry Bag
Flamingo				Lemon
Fly				Librarian
Folder				Library
Fireworks				Life Jacket
Flag		Ice		Light Bulb
Flamingo		Iceberg		Lime
Flight Attendant		Ice cream Cone		Living Room
Flip Flops		Ice Cream Scoop		Lock
Flute		Ice Scraper		
Fly		Igloo		
Folder		Iguana		
Football				
Fox				Magazine
Frisbee				Mailbox
				Mailman
		Jack 'O Lantern		Map
		Jack in the Box		Maracas
		Jaguar		Marbles
Garbage Bag				Marker
Gas Station				Marshmallow
Gazebo				Mat
Gift Bag		Kayak		Mattress
Girl		Kitchen		Measuring Cup
Glass		Kite		Measuring Spoon
Globe		Kiwi		Measuring Tape
Glue		Koala Bear		Mechanic
Gold Fish				Microphone
Golf Ball				Microscope
Golf club				Microwave
Graph				Monkey

Common Items/People/Places

Moose		Picnic Table		Ribbon
Mop		Pilot		Road
Mosquito		Pineapple		Rocking Chair
Mountain		Piñata		Roller Coaster
Movie Theater		Ping Pong Ball		Rolling Pin
Mustard		Ping Pong Table		Rope
		Piranha		Ruler
		Pirate		Ribbon
		Pita Chips		Road
		Pizza Cutter		Rocking Chair
Nail		Pitcher		Roller Coaster
Nail Clipper		Plant		Rolling Pin
Napkin		Platypus		Rope
Necklace		Pliers		Rubber Band
Notebook		Plus sign (+)		Ruler
Nurse		Polar Bear		
		Pop Corn Popper		
		Porcupine		
		Potatoes		
		Pot		
Oar		Potatoes		Salt
Octopus		Present-Gift		Sand Paper
Ornament		Pudding		Saw
Ostrich		Pumpkin		Saxophone
Owl		Puppet		Scale
		Purse		Scarecrow
				Scarf
				Scooter
				Screwdriver
Paintbrush				Scuba Diver
Painter				Sea Horse
Pajamas-PJs				Sea Shell
Panda Bear				Sea Turtle
Paper				Seagull
Paper Clip		Quail		Seal
Parachute		Q-Tips		Sewing Machine
Park		Question Mark (?)		Shaving Cream
Party Blower				Shopping Cart
Party Hat				Sidewalk
Pelican		Raccoon		Singer
Pen		Rake		Skateboard
Pencil Sharpener		Raspberries		Sled
Penguin		Recycle Bin		Sleigh
Pepper		Refrigerator		Slushie
Piano		Remote		Smoothie

Common Items/People/Places

ITEM	TACT	LD	ITEM	TACT	LD	ITEM	TACT	LD
Snail			Top			X-Ray		
Snow Blower			Towel			Xylophone		
Snowflake			Trampoline					
Snowman			Train Conductor					
Soccer Ball			Tray					
Spatula			Treadmill			Yak		
Sponge			Treasure Chest					
Spray Bottle			Tree					
Squirrel			Trombone					
Stadium			Truck Driver			Ziploc bag		
Stamp			Trumpet			Zoo Keeper		
Stapler								
Starfish								
Stool								
Straw								
Sun			Ukulele					
Swan			Unicorn					
Squirrel			Unicycle					
Stamp								
Stapler								
Starfish								
Stool			Van					
Straw			Vase					
Suitcase			Vet (Veterinarian)					
Sun			Violin					
Swan								
			Wallet					
			Wand					
			Washer					
Tambourine			Watch					
Tape			Water					
Taxi Cab			Watermelon					
Teapot			Wheel					
Teacher			Wheelbarrow					
Telescope			Whisk					
Tennis Ball			Whistle					
Thermometer			Window					
Tissues			Wipes					
Toaster			Wrench					
Toilet Paper								
Tongs								
Toolbox								
Toothpaste								

Action	Tact Ongoing	Demo Ongoing	Tact Picture	Select Picture	Action	Tact Ongoing	Demo Ongoing	Tact Picture	Select Picture
Barking					Eating				
Bending					Erasing				
Blinking					Exercising				
Blowing									
Bouncing									
Boxing					Falling				
Bowling					Fanning				
Breaking					Fighting				
Brushing					Fishing				
Buckling					Fixing				
Building					Flipping				
Bumping					Floating				
Buttoning					Flying				
					Folding				
					Frowning				
Calling									
Carrying					Gasping				
Catching					Giving				
Chasing					Gluing				
Chewing									
Clapping					Hanging				
Cleaning					Hiding				
Climbing					Hitting				
Closing					Hopping				
Coloring					Hugging				
Combing					Humming				
Cooking									
Coughing					Juggling				
Counting					Jumping				
Covering									
Crashing					Kicking				
Crawling					Kissing				
Crying					Knitting				
Cutting					Knocking				
					Lacing				
					Landing				
					Laughing				
Dancing					Leaping				
Digging					Licking				
Dipping					Lifting				
Diving					Listening				
Drawing					Looking				
Drilling									
Drinking					Measuring				
Driving					Melting				
Dropping					Mixing				
Drying					Mopping				
Dumping					Mowing				

Action	Tact Ongoing	Demo Ongoing	Tact Picture	Select Picture	Action	Tact Ongoing	Demo Ongoing	Tact Picture	Select Picture
					Squatting				
					Squeezing				
Opening					Stacking				
					Standing				
					Stapling				
					Stirring				
Packing					Stomping				
Painting					Stretching				
Peeling					Sweeping				
Petting					Swinging				
Pinching					Swimming				
Playing									
Pointing									
Poking									
Popping					Taking bath				
Pouncing					Taking picture				
Pounding					Talking				
Pouring					Taping				
Pulling					Tapping				
Pushing					Tearing				
Putting in					Throwing				
Putting on					Tickling				
					Tiptoeing				
Raking					Touching				
Reaching					Tracing				
Reading					Turning				
Riding					Twisting				
Roaring					Tying				
Rocking					Typing				
Rolling									
Rubbing									
Running					Vacuuming				
Sawing									
Scratching									
Sewing									
Shaking									
Sharpening									
Singing					Walking				
Sitting					Washing				
Skating					Waving				
Skiing					Whistling				
Skipping					Whispering				
Sleeping					Wiggling				
Sliding					Winding				
Slipping					Winking				
Smelling					Wiping				
Smiling					Wrestling				
Sneezing					Wringing				
Snorkeling					Writing				
Snorting									
Snowboarding					Yawning				
Spinning					Yelling				
Spitting									
Splashing									
Spraying					Zippering				

Gross Motor Imitation with Objects

Adjectives	LD	Tact		LD	Tact		LD	Tact
Red			Big			Day		
Blue			Little			Night		
Green			Hot			Hard		
Yellow			Cold			Soft		
Orange			Long			Rough		
Purple			Short			Smooth		
Brown			Wet			Heavy		
Black			Dry			Light		
White			Fast			Round		
Pink			Slow			Square		
Clean			Bent			Fat		
Dirty			Straight			Skinny		
New								
Old								

Adverbs

Slowly		Gently		Loudly		Softly		Quickly		Fast	
High		Tightly		Loosely		Lightly					

Prepositions	“Touch the one that is __”	“Where’s the _?”		“Touch the one that is __”	“Where’s the _?”
Above			Into		
Around			Near		
At			Next to		
Behind			Of		
Below			Off		
Beside			On		
Between			Out		
By			Over		
For			Through		
From			To		
In			Under		
In front of			With		

Pronouns	Tact	LR		Tact	LR
1. He			12. Ours		
2. Her			13. She		
3. Hers			14. Their		
4. Him			15. Theirs		
5. His			16. Them		
6. I			17. They		
7. It			18. Us		
8. Me			19. We		
9. Mine			20. You		
10. My			21. Your		
11. Our			22. Yours		

	Alone	Discrim		Alone	Discrim
Drink from cup			Roll ball		
Turn cup over on table			Bounce ball		
Spoon in cup			Shake ball		
Stir spoon in cup			Tap bear on table		
Tap spoon on side of cup			Put bear in cup		
Tap block on table			Put bear on bed		
Slide block on table			Put bear on car		
Stack blocks			Roll car on table		
Tap blocks together			Tap car on table		
Block in cup			Scribble with pencil/crayon		
Ring on stacker			Dot with pencil/crayon		
Tap ring on side of stacker			Tap table with pencil/crayon		
Tap ring on table			Slide plane across table		
Tap book with hand			Pretend to fly airplane		
Open book			Shake maraca		
Close book			Tap maraca on belly		
Tap with hammer on table			Tap maraca on table		
Wave hammer in air			Slide maraca back & forth on table		
Tap hammer on hand			Put lid on container		
Peg on board			Tap lid on side of container		
Tap peg on table					
Tap pegs together					
Stack pegs					
Slide peg up and down arm					

Gross Motor Imitation			
Clap		Touch nose	
Tap table with one hand		Arms to side/move up and down	
Slide hand up & down opposite arm		Hands on shoulders	
Tap arm		Hands on ears	
Stomp one foot		One foot in front of other	
Stomp both feet (alternating)		Cross legs sitting	
Stomp feet together		Place foot forward	
Spread feet apart		Place foot backward	
Pat legs both hands		Turn palms up and down	
Pat belly		Hands on waist	
Rub belly		Knock on table	
Rub hands (palms together)		Fist taps palm of opposite hand	
Touch elbow		Hands together over head	
Wave		Make circle to side with 1 arm	
Hands to cheeks		Make circles to side with 2 arms	
Arms up		Grab wrist with opposite hand	
Arms out to side		Both arms cross over own chest (hug)	
Hands cover mouth		Tap table both hands	
Hands on head		Tap side of leg	
Arms out in front		Touch toes	
Hands on head		Pump one fist in air	
Hands on knees		Tap two fists together	

Fine Motor Imitation

Thumbs together / hold		Index finger draws line on table (left to right)	
Thumbs together/ bounce		Index finger draws line on table (away)	
Index fingers together/ hold		Index finger draws line on table (toward)	
Palm to back of hand/ tap		Index finger bounce on thumb (pincer grasp)	
Touch finger to back of hand/ hold		Index finger closed on thumb (pincer grasp)	
Finger to back of hand/ tap		Clasp hands	
Finger to palm of hand/ tap		Peace sign	
Finger to palm of hand/ hold		Index and middle finger crossed (r sign)	
Pointer finger to table/hold		Index fingers clasped (friend sign)	
Pointer finger to table/bounce			
Pointer finger to cheek			

Motor Imitation of Mouth and Tongue Movements

Tongue out		Open mouth		Tongue to upper lip		
Tongue out & side to side		Lips into blow position		Purse lips together		
Tongue out/up and down		Actual blows		Smile		

Motor Imitation of Head Movements

Shake head “yes”		Shake head “no”		Move head side to side		Tilt head to side	
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2-Step Motor Imitation

Clap hands/tap thighs		Arms to side/hands on waist		Stomp foot/pat head	
Pat head/wave hands		Shake head “yes”/jump on 2 feet		Cover mouth/touch toes	
Tap palm/rub belly		Circle with arm/tap table		Tongue out/shake head “no”	
Touch nose/touch shoulders		Pat leg at side/arms up		Thumbs together/tap knees	

3 step Motor Imitation

Clapping, jumping, touching toes		Touch toes, rub hands, pat head		Touch head, stomp, clap	
Tap knees, shoulders and tummy		Hands to cheek, clap, jump		Touch nose, stand up, turn around	
Arm out in front, touch knees, rub hands		Touch head, touch shoulders, touch knees		Clap, arms up, hands on head	
Touch eyes, touch ears, touch nose					

Intraverbal Fill-In's

You open the... door	Brush your... teeth	Winnie the... pooh
You eat...	You flush the ... toilet	You cut with... scissors
You sleep in a ... bed	You talk on the ... telephone	Clap your... hands
Socks and... shoes	1, 2, ... 3	Stomp your... feet
You sit at the... table	A, B, ... C	Peek a ... boo
You watch... TV or movies	You wear... shirt, pants, etc.	Up and... down
Turn on the... lights	You sing a... song	You swim in a ... pool
You put on your... shirt (or clothing)	Dora and ... boots	You fly an... airplane
Take a bath in the... tub	You drive a ... car	Wash your... hands
You kick... a ball	You read a ... book	Ready set ... go

Intraverbal WH-What Questions (Sampling)

What do you like to eat?	What can you find in your bedroom?
What do you like to drink?	What do you wear when it is cold?
What animal do you like?	What do you play with?
What do you sit on?	What do you color with?
What do you read?	What do you cut with?
What do you swing on?	What do you eat on?
What do you blow?	What do you ride in?
What do you wear on your feet?	What do you wash your hands with?
What do you dry your hands with?	What do mommy and daddy drive?
What do you slide down?	What do you sleep in?
What do you see in the sky?	What do you paint with?
What do you brush your teeth with?	What do you draw on?
What can you find in the bathroom?	What do you do with soap?
What do you ride to school on?	

Intraverbal WH-Who & Where Questions (Sampling)

Who helps you when you are sick?	Who says Ho, ho, ho?	Who collects the garbage?
Where do you go when you are sick?	Where do you go when you have to use the toilet?	Where does the garbage go?
Where do you go to mail a letter?	Where do you swim?	Who do you see at school?
Where do you go to school?	Who delivers the mail?	Who cooks your dinner?
Who's your teacher?	Who helps you at school?	Where do you eat dinner?
Who are your friends?	Who drives the bus?	Who do you play with?
Where do you go to sleep?	Who drives the train?	Who is Elmo's friend?
Where do you eat?	Who flies in space?	Where do you go down a slide?
Where are the clouds?	Who flies an airplane?	Where do you find trains?
Where is your toothbrush?	Who is Dora's friend?	Who drives the train?
Where do you buy food?	Who puts out fires?	Where do you find books?
Where do you see animals?	Who cuts your hair?	Who helps you find books?
Where do fish live?		Where do you keep food cold?
Where does Elmo live?		

VP/MTS Matching Identical Items FS= Field Size NA=Neat Array MA=Messy Array SS=Similar Stimuli

Pictures	FS=3 NA	FS=3 MA	FS=4 NA	FS=4 MA	FS=6 NA	FS=6 MA	FS=6 MA-SS	FS=8 NA	FS=8 MA	FS=8 MA-SS	FS=10 NA	FS=10 MA	FS=10 MA-SS	1	2	3
Apple																
Shirt																
Car																
Bed																
Chair																
Spoon																
Shoes																
Airplane																
Bike																
Ball																
Cat																
Bird																
Flower																
Cookie																
Cup																
Circle																
Diamond																
Square																
Triangle																
Rectangle																
Oval																
Moon																
Star																
Heart																
Hexagon																
Objects	FS=3 NA	FS=3 MA	FS=4 NA	FS=4 MA	FS=6 NA	FS=6 MA	FS=6 MA-SS	FS=8 NA	FS=8 MA	FS=8 MA-SS	FS=10 NA	FS=10 MA	FS=10 MA-SS	1	2	3
Bus																
Worm																
Peg																
Block																
Bear																
Goat																
Horse																
Duck																
Rooster																
Ram																
Poppy seed roll																
Hamburger roll																
Pancake																
Croissant																
Slice of bread																
Beans																
Lettuce																
Tomato																
Broccoli																
Red pepper																
Slice of Pizza																
Slice of Pie																
Watermelon																

VP/MTS Matching Non-Identical Items (FS= Field Size NA=Neat Array MA=Messy Array SS=Similar Stimuli)															
Pictures	FS=3 NA	FS=3 MA	FS=4 NA	FS=4 MA	FS=6 NA	FS=6 MA	FS=6 MA-SS	FS=8 NA	FS=8 MA	FS=8 MA-SS	FS=10 NA	FS=10 MA	FS=10 MA-3SS		
													1	2	3
Apple															
Shirt															
Car															
Bed															
Chair															
Spoon															
Shoes															
Airplane															
Bike															
Ball															
Cat															
Bird															
Flower															
Cookie															
Cup															

VP/MTS Object-Picture/Picture-Object (FS= Field Size NA=Neat Array MA=Messy Array SS=Similar Stimuli)															
Pic-Obj	FS=3 NA	FS=3 MA	FS=4 NA	FS=4 MA	FS=6 NA	FS=6 MA	FS=6 MA-SS	FS=8 NA	FS=8 MA	FS=8 MA-SS	FS=10 NA	FS=10 MA	FS=10 MA-3SS		
													1	2	3
Pic-Obj	FS=3 NA	FS=3 MA	FS=4 NA	FS=4 MA	FS=6 NA	FS=6 MA	FS=6 MA-SS	FS=8 NA	FS=8 MA	FS=8 MA-SS	FS=10 NA	FS=10 MA	FS=10 MA-3SS		
													1	2	3

Assessment of Intraverbal Concepts (Response Class and Stimulus Class)

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Animal	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Food	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___

Fruit	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Toy	

T Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Shape	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Color	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Shape	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Number	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Vehicle	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Clothing	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Furniture	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Find in the bathroom	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Find in kitchen	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Vegetable	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Electronic	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tool	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Instrument	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

School Supply/Find in school	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tail	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Wheels	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Stem	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Round	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Door	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Window	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Flies	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Eat	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Drink	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Play	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Draw	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Color	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Wear	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Ride	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Put things in	

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

Tell me a/an ___/Tell me something
with a ___/Something you ___ with is a ___

A/An ___ is a/has a ___/ is something you
_____ with

