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# Appendix D.1

## Auditory Lexical Discrimination Task 1: Mispronunciation Detection – Full Version (from Vance, 1995)

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Age: \_\_\_\_\_ Investigator: \_\_\_\_\_

**Instructions:** The child should be asked to name each of the pictures first. This provides a vocabulary check and allows the child's speech production to be recorded as for a naming task (see Chapter 5 and Appendix E.1) and compared with his or her performance on this auditory task, if required. If the child doesn't know the name of the picture it can be supplied.

The child is asked to look at each picture in turn and to decide if the name of the picture has been said correctly or not. A soft toy monkey can be used to explain the task. The child is told that the monkey is going to say some words, sometimes he is 'clever', and sometimes 'silly', or sometimes the monkey says the words 'right' and sometimes 'wrong' (the investigator can decide which best suits the child). There are two practice items during which corrective feedback can be given. Only general encouragement is given during the main part of the task. One repetition of a test item is allowed if the child fails to respond to a stimulus or he or she requests a repetition. The investigator should cover his or her mouth to avoid use of visual cues.

**Scoring:** Record the child's response, by circling Y or N. **BOLD CAPITALS** indicate correct responses. Add up the correct responses to obtain the child's score. Remember that items marked with \* and appearing in brackets are administered but *not* scored. Circle incorrect responses in final column to look for difficulty with specific contrasts. Total number of items correct at each word length and number correct overall.

**Normative data** for this task can be found in Table 4.3.

# Appendix D.1 Score Sheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Age: \_\_\_\_\_ Investigator: \_\_\_\_\_

## FULL VERSION: LIST A

	PICTURE	STIMULUS	1 SYLL		2 SYLL		3-4 SYLL		CIRCLE INCORRECT
					y	n			
P1	table	table			y	n			
		table			y	n			
		/sleɪbəl/			y	n			
		/teɪfəl/			y	n			
		table			y	n			
P2	house	/spəʊs/	y	n					
		house	y	n					
		/faʊs/	y	n					
		/haʊf/	y	n					
		house	y	n					
1	brush	brush	<b>Y</b>	n					
		*(brush)	y	n					
		/brʌs/	y	<b>N</b>					Place of articulation
2	sponge	/spʌndz/	y	<b>N</b>					Place of articulation
		sponge	<b>Y</b>	n					
		*(sponge)	y	n					
3	glove	/glʌb/	y	<b>N</b>					Manner of articulation
		glove	<b>Y</b>	n					
4	duck	/gʌk/	y	<b>N</b>					Place of articulation
		duck	<b>Y</b>	n					
		*(gʌk/)	y	n					
5	leaf	/jif/	y	<b>N</b>					Place of articulation
		leaf	<b>Y</b>	n					

## Appendix D.1 Score Sheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Age: \_\_\_\_\_ Investigator: \_\_\_\_\_

	PICTURE	STIMULUS	1 SYLL		2 SYLL		3-4 SYLL		CIRCLE INCORRECT
			Y	n					
6	sock	sock	Y	n					
		/zɒk/	y	N					Voicing
		*(sock)	y	n					
7	cat	/tæt/	y	N					Place of articulation
		cat	Y	n					
		*/tæt/	y	n					Place of articulation
8	book	book	Y	n					
		/mɒk/	y	N					Manner of articulation
9	torch	/dɔ:tʃ/	y	N					Voicing
		torch	Y	n					
10	mouse	/maʊs/	y	N					Manner of articulation
		mouse	Y	n					
11	knife	knife	Y	n					
		/maɪf/	v	N					Place of articulation
		*/maɪf/	y	n					
12	snake	snake	Y	n					
		/neɪk/	y	N					Cluster reduction
13	train	/teɪn /	y	N					Cluster reduction
		train	Y	n					
14	van	/zæɪn/	y	N					Place of articulation
		van	Y	n					
		*(van)	y	n					

## Appendix D.1 Score Sheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Age: \_\_\_\_\_ Investigator: \_\_\_\_\_

	PICTURE	STIMULUS	1 SYLL		2 SYLL		3-4 SYLL		CIRCLE INCORRECT
			y	N					
15	watch	/rɒtʃ/	y	N					Metathesis
		watch	Y	n					
16	plate	/peɪt/	y	N					Cluster reduction
		*(/peɪt/)	y	n					
		plate	Y	n					
17	roof	roof	Y	n					
		*(roof)	y	n					
		/rus/	y	N					Place of articulation
18	fish	/vɪʃ/	y	N					Voicing
		fish	Y	n					
19	chair	chair	Y	n					
		/tʃeə/	y	N					Place of articulation
20	thumb	/ðʌm/	y	N					
		thumb	Y	n					
21	sandwich	/'fænwɪdʒ/			y	N			Place of articulation
		sandwich			Y	n			
22	toilet	/'dɔɪlət/			y	N			Voicing
		toilet			Y	n			
23	money	/'nʌmɪ/			y	N			Metathesis
		money			Y	n			
24	feather	feather			Y	n			
		/'ðeɪə/			y	N			Metathesis
25	yellow	/'leɪəʊ/			y	N			Place of articulation
		yellow			Y	n			

## Appendix D.1 Score Sheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Age: \_\_\_\_\_ Investigator: \_\_\_\_\_

	PICTURE	STIMULUS	1 SYLL		2 SYLL		3-4 SYLL		CIRCLE INCORRECT
26	kitchen	kitchen			Y	n			
		/'grɪʃn/			y	N			Voicing
27	ladder	ladder			Y	n			
		/'jædə/			y	N			Place of articulation
28	flower	/'slauwə/			y	N			Place of articulation
		flower			Y	n			
		*(/'slauwə/)			y	n			
29	dustbin	dustbin			Y	n			
		/'bʌsdɪn/			y	N			Metathesis
30	jelly	/'dzelɪ/			y	N			Place of articulation
		jelly			Y	n			
<b>TOTAL CORRECT LIST A</b>			<b>/40</b>	<b>/20</b>					

### FULL VERSION: LIST B

	PICTURE	STIMULUS	1 SYLL		2 SYLL		3-4 SYLL		CIRCLE INCORRECT
1	tractor	/'dræktə/			y	N			Voicing
		tractor			Y	n			
2	fishing	fishing			Y	n			
		*(fishing)			y	n			
		/'fɪfɪŋ/			y	N			Metathesis
3	biscuit	/'bɪksɪt/			y	N			Metathesis
		*(/'bɪksɪt/)			y	n			
		biscuit			Y	n			

## Appendix D.1 Score Sheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Age: \_\_\_\_\_ Investigator: \_\_\_\_\_

	PICTURE	STIMULUS	1 SYLL		2 SYLL		3-4 SYLL		CIRCLE INCORRECT
4	scooter	/ 'stukə/			y	N			Metathesis
		scooter			Y	n			
		*(/ 'stukə/)			y	n			
5	parrot	/ 'bærət/			y	N			Voicing
		parrot			Y	n			
6	seesaw	/ 'sitə/			y	N			Manner of articulation
		seesaw			Y	n			
		*(seesaw)			y	n			
7	slipper	/ 'lɪpə/			y	N			Cluster reduction
		slipper			Y	n			
8	sausage	sausage			Y	n			
		/ 'sɒdʒɪs/			y	N			Metathesis
		*(/ 'sɒdʒɪs/)			y	n			
9	guitar	/tɪ'gɑ/			y	N			Metathesis
		guitar			Y	n			
10	spider	spider			Y	n			
		/ 'staɪpə/			y	N			Metathesis
		*(spider)			y	n			
11	caterpillar	caterpillar					Y	n	
		/ 'kæpətɪlə/					y	N	Metathesis
		*(caterpillar)					y	n	
12	spaghetti	/ 'gæspetɪ/					y	N	Metathesis
		spaghetti					Y	n	
		*(spaghetti)					y	n	
13	elephant	/ 'ɛflənt/					y	N	Metathesis
		elephant					Y	n	

## Appendix D.1 Score Sheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Age: \_\_\_\_\_ Investigator: \_\_\_\_\_

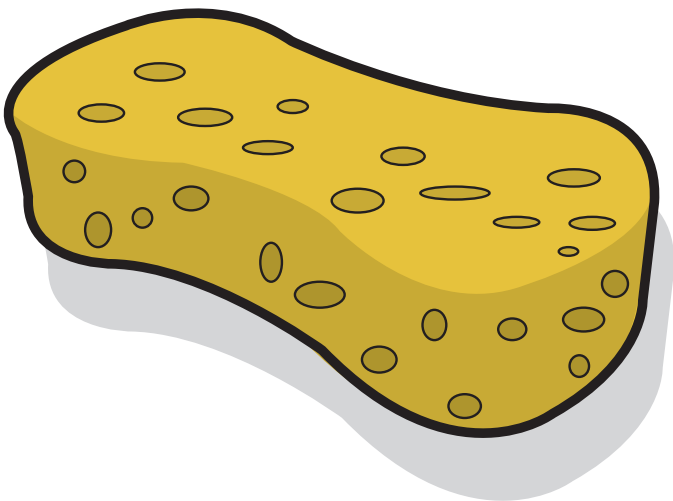
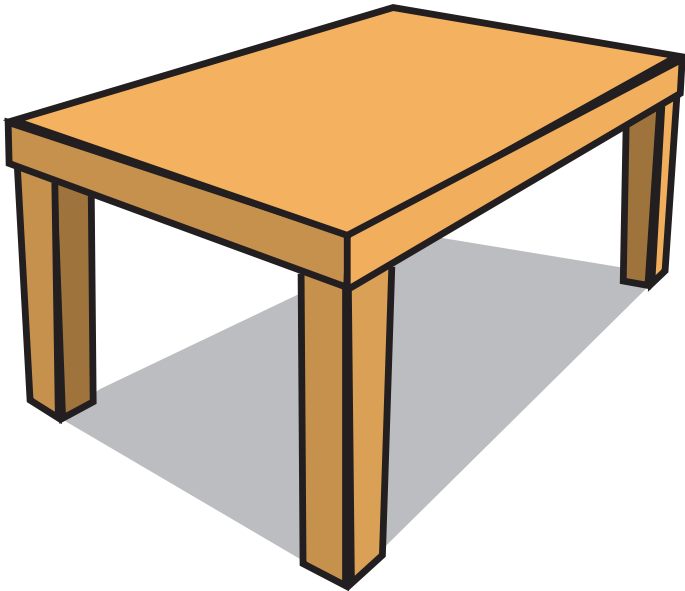
14	caravan	/ 'kævərən/	1 SYLL		2 SYLL		3-4 SYLL		CIRCLE INCORRECT
							y	N	
		caravan					<b>Y</b>	n	
		*(/ 'kævərən/)					y	n	
15	crocodile	/ 'krɒdəkaɪl/					y	<b>N</b>	Metathesis
		crocodile					<b>Y</b>	n	
16	umbrella	umbrella					<b>Y</b>	n	
		/ 'ʌmblərə/					y	<b>N</b>	Metathesis
17	helicopter	helicopter					<b>Y</b>	n	
		*(helicopter)					y	n	
		/ 'helɪtɒpkə/					y	<b>N</b>	Metathesis
18	kangaroo	/ 'gæŋkəru/					y	<b>N</b>	Metathesis
		kangaroo					<b>Y</b>	n	
19	television	/ 'tevlɪʒn /					y	<b>N</b>	Metathesis
		*(/ 'tevlɪʒn /)					y	n	
		television					<b>Y</b>	n	
20	hospital	/ 'hɒstɪpl/					y	<b>N</b>	Metathesis
		hospital					<b>Y</b>	n	
21	telephone	telephone					<b>Y</b>	n	
		/'dɛlɪfəʊn/					y	<b>N</b>	Voicing
		*(/ 'dɛlɪfəʊn/)					y	n	
22	parachute	/ 'pærəsʊt/					y	<b>N</b>	Place of articulation
		parachute					<b>Y</b>	n	
23	butterfly	/ 'bʌtəfaɪ/					y	<b>N</b>	Cluster reduction
		butterfly					<b>Y</b>	n	
		*(butterfly)					y	n	

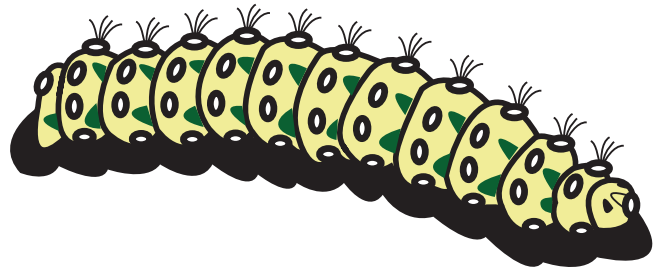
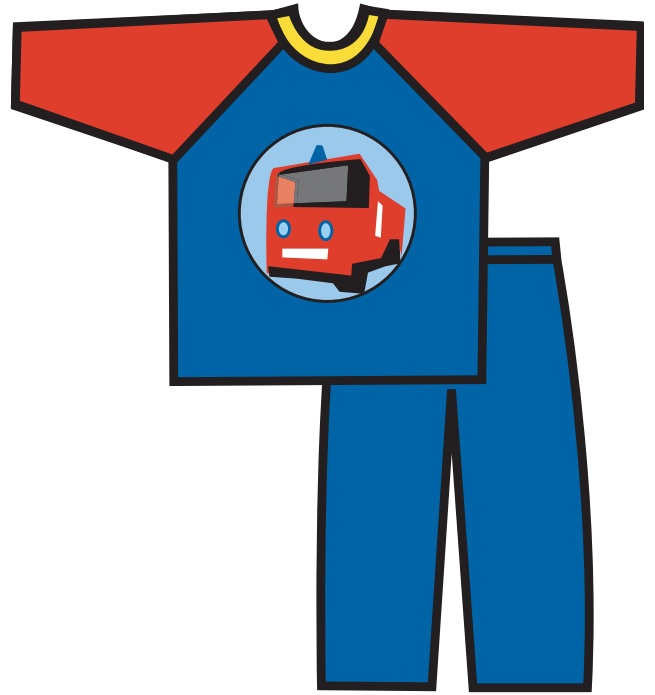
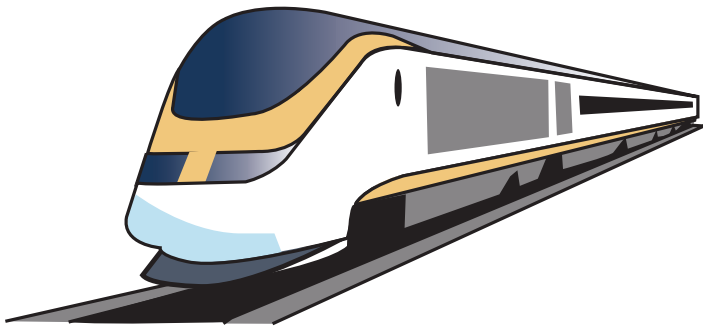
## Appendix D.1 Score Sheet

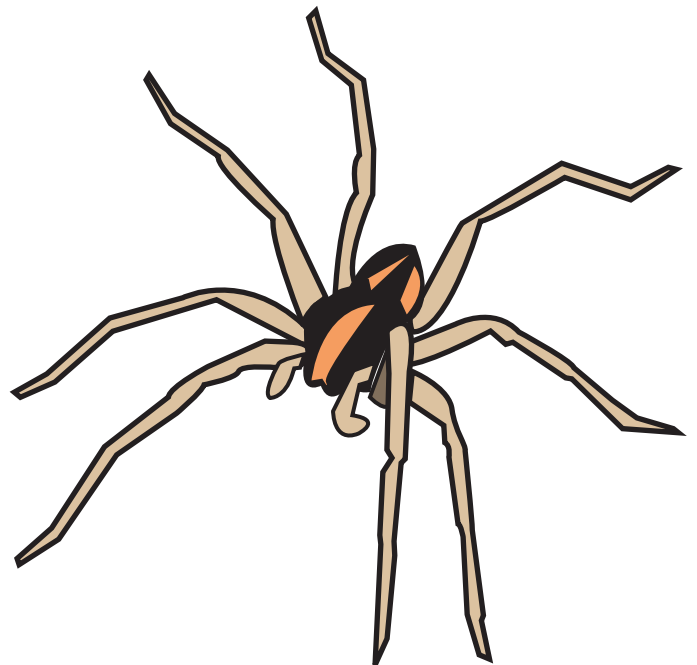
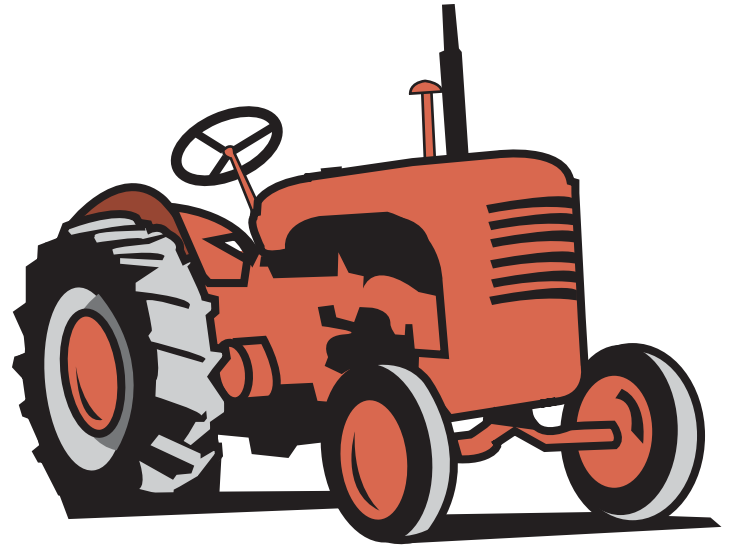
Name: \_\_\_\_\_ Date: \_\_\_\_\_ Age: \_\_\_\_\_ Investigator: \_\_\_\_\_

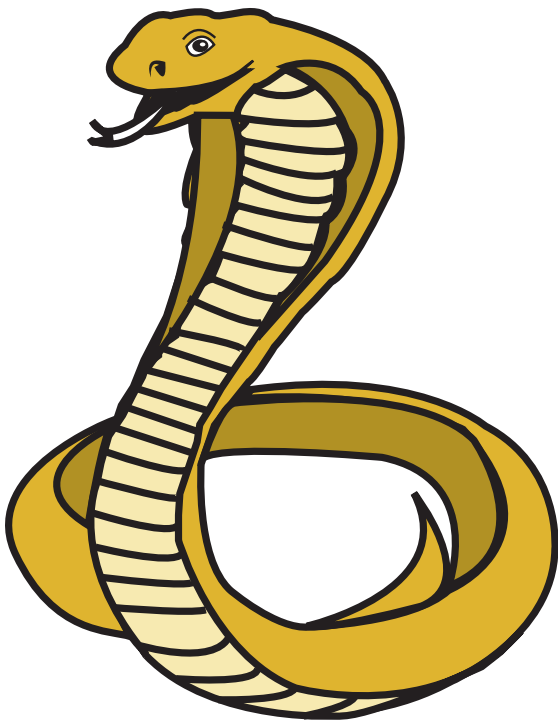
	PICTURE	STIMULUS	1 SYLL		2 SYLL		3-4 SYLL		CIRCLE INCORRECT
24	computer	computer					Y	n	
		/ 'gɒmpjʊtə/					y	N	Voicing
		*(computer)					y	n	
25	roundabout	/ 'waʊndəbaʊt/					y	N	Place of articulation
		roundabout					Y	n	
26	hairdresser	hairdresser					Y	n	
		/ 'heədretə/					y	N	
27	aeroplane	/ 'eərəpreɪn/					y	N	Place of articulation
		aeroplane					Y	n	
28	pyjamas	pyjamas					Y	n	
		/pə'dʒɒbəz/					y	N	Manner of articulation
		*(/pə'dʒɒbəz/)					y	n	
29	hamburger	/ 'hæmbɜ:də/					y	N	Place of articulation
		Hamburger					Y	n	
30	dinosaur	/ 'daɪnəzɔ:/					y	N	Voicing
		*(/ 'daɪnəzɔ/)					y	n	
		dinosaur					Y	n	
<b>LIST B TOTALS</b>					<b>/20</b>		<b>/40</b>		
<b>WORD LENGTH TOTALS</b>			<b>/40</b>		<b>/40</b>		<b>/40</b>		
<b>OVERALL TOTAL</b>					<b>/120</b>				

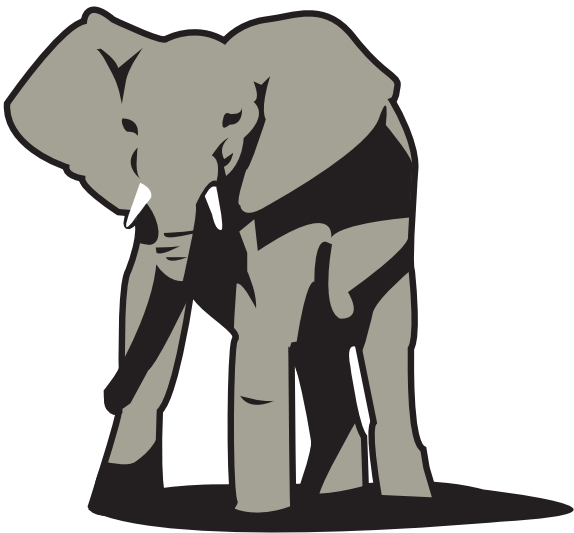
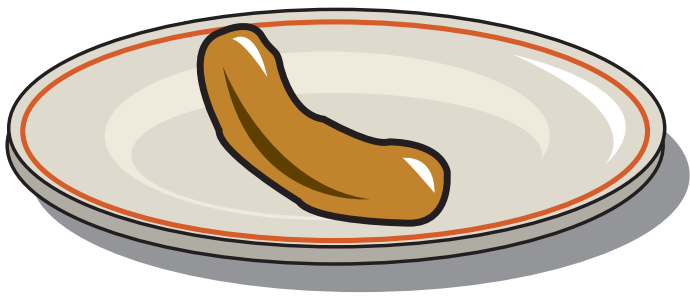


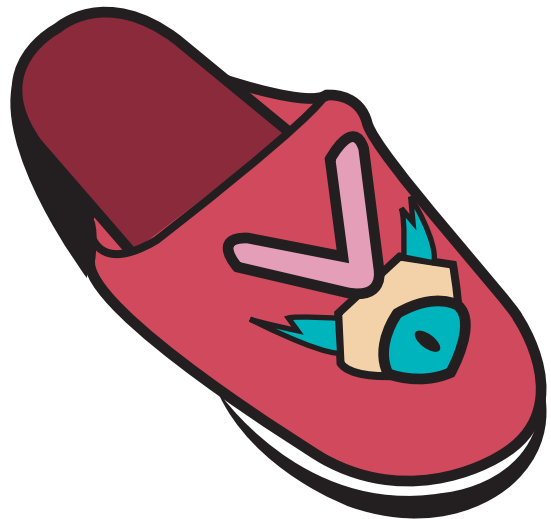
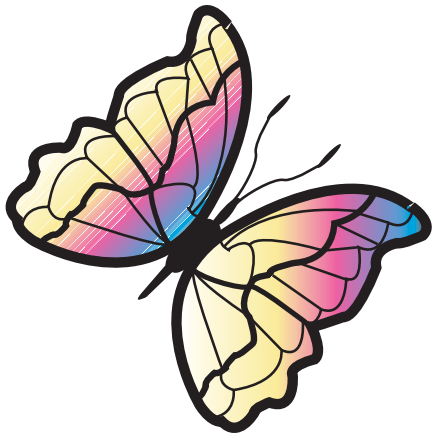


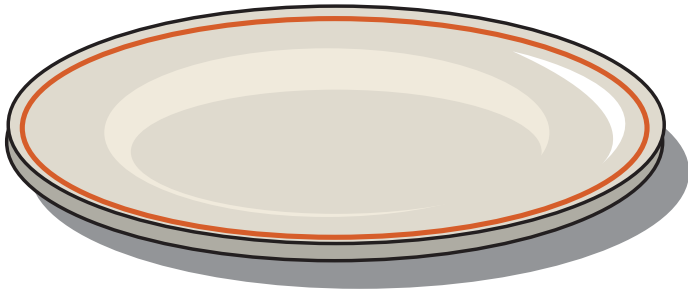












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## Appendix D.2

# Auditory Lexical Discrimination Task 1: Mispronunciation Detection – Short Form (from Nathan *et al.*, 2004)

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Age: \_\_\_\_\_ Investigator: \_\_\_\_\_

**Instructions:** The child should be asked to name each of the pictures first. This provides a vocabulary check and allows the child's speech production to be recorded as for a naming task (see Chapter 5) and compared with his or her performance on this auditory task, if required. If the child doesn't know the name of the picture it can be supplied.

The child is asked to look at each picture in turn and to decide if the name of the picture has been said correctly or not. A soft toy monkey can be used to explain the task. The child is told that the monkey is going to say some words, sometimes he is 'clever', and sometimes 'silly', or sometimes the monkey says the words 'right' and sometimes 'wrong' (the investigator can decide which best suits the child). There are two practice items during which corrective feedback can be given. Only general encouragement is given during the main part of the task. One repetition of an item is allowed if the child fails to respond to a stimulus or requests a repetition. The investigator should cover his or her mouth to avoid use of visual cues.

**Scoring:** Note the child's response, by circling Y or N. **BOLD CAPITALS** indicate correct responses. Add up the correct responses to obtain the child's score. Remember that items marked with \* and appearing in brackets are administered but *not* scored. Circle incorrect responses in final column to look for difficulty with specific contrasts. Total number of items correct at each word length and number correct overall.

**Normative data** for this task can be found in Table 4.4.



## Appendix D.2 Score Sheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Age: \_\_\_\_\_ Investigator: \_\_\_\_\_

### SHORT FORM: LIST A

	PICTURE	STIMULI	RESPONSES		CIRCLE IF INCORRECT
			y	n	
P1	table	table	y	n	
		/sleɪbəl/	y	n	
		/teɪfəl/	y	n	
		table	y	n	
P2	house	house	y	n	
		/faʊs/	y	n	
		/haʊf/	y	n	
		house	y	n	
1	sponge	/spændz/	y	<b>N</b>	Place of Articulation
		sponge	<b>Y</b>	n	
		*(sponge)	y	n	
2	flower	/ 'slaʊwə/	y	<b>N</b>	Place of articulation
		flower	<b>Y</b>	n	
		*(/ 'slaʊwə/)	y	n	
3	train	/teɪn /	y	<b>N</b>	Cluster reduction
		train	<b>Y</b>	n	
4	pyjamas	pyjamas	<b>Y</b>	n	
		/pə'dʒəbəz/	y	<b>N</b>	Manner of articulation
		*(/pə'dʒəbəz/)	y	n	
5	spaghetti	/ 'gəspeti/	y	<b>N</b>	Metathesis
		spaghetti	<b>Y</b>	n	
6	caterpillar	caterpillar	<b>Y</b>	n	
		/ 'kæpətɪlə/	y	<b>N</b>	Metathesis
		* (caterpillar)	y	n	

## Appendix D.2 Score Sheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Age: \_\_\_\_\_ Investigator: \_\_\_\_\_

	PICTURE	STIMULI	RESPONSES		CIRCLE IF INCORRECT
7	aeroplane	/ 'eərəpreɪm/	y	N	Place of articulation
		aeroplane	Y	n	
8	tractor	/ 'dræktə/	y	N	Voicing
		tractor	Y	n	
9	brush	brush	y	n	
		*(brush)	Y	n	
		/brʌs/	y	N	Place of articulation
10	spider	spider	Y	n	
		/ 'staɪpə/	y	N	Metathesis
		*(spider)	y	n	
11	glove	/glʌb/	y	N	Manner of articulation
		glove	Y	n	
12	jelly	jelly	Y	n	
		/ 'dzelɪ/	Y	N	Place of articulation
<b>SCORE LIST A</b>			<b>/24</b>		

### SHORT FORM LIST B

	PICTURE	STIMULUS	RESPONSES		CIRCLE IF INCORRECT
1	snake	snake	Y	n	
		/neɪk/	y	N	Cluster reduction
2	parachute	/ 'pærəsʊt/	y	N	Place of articulation
		parachute	Y	n	
3	sausage	sausage	Y	n	
		/ 'sɒdʒɪs/	y	N	Metathesis
		*(/ 'sɒdʒɪs/)	y	n	

## Appendix D.2 Score Sheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Age: \_\_\_\_\_ Investigator: \_\_\_\_\_

	PICTURE	STIMULUS	RESPONSES		CIRCLE IF INCORRECT
4	fish	/vɪʃ/	y	N	Voicing
		fish	Y	n	
		*(fish)	y	n	
5	elephant	/ 'ɛflənt/	y	N	Metathesis
		elephant	Y	n	
6	umbrella	umbrella	Y	n	
		/ 'ʌmblərə/	y	N	Metathesis
7	butterfly	/ 'bʌtəfaɪ/	y	N	Cluster reduction
		butterfly	Y	n	
		*(butterfly)	y	n	
8	guitar	/tɪ 'gɑ/	y	N	Metathesis
		guitar	Y	n	
9	yellow	yellow	Y	n	
		/ 'jeləʊ/	y	N	Place of articulation
		*(yellow)	y	n	
10	slipper	/ 'lɪpə/	y	N	Cluster reduction
		slipper	Y	n	
11	plate	/peɪt/	y	N	Cluster reduction
		*(/peɪt/)	y	n	
		plate	Y	n	
12	van	/zæn/	y	N	Place of articulation
		van	Y	n	
		*(van)	y	n	
<b>SCORE LIST B</b>			<b>/24</b>		
<b>TOTAL SCORE (LIST A &amp; B)</b>			<b>/48</b>		