

## Auditory Lexical Decision & Morphology: Instructions for Use

This task has been developed from one used by Patterson (1980) (In Coltheart, M. Patterson, K.E. & Marshall, J.C. (1987), *Deep Dyslexia*, London: Routledge & Kegan Paul) and Funnell (1987) (*Quarterly Journal of Experimental Psychology*, 39A, 497 - 539) in studies of morphological errors in acquired dyslexia. All of the materials consist of a root morpheme and suffix. For half of the items, the root - suffix combination is a real word; for the remainder, root and suffix together make a nonword, even though both are familiar (eg. **fullen**, **wises**). The same suffixes are represented in both lists. Across word and nonword lists, root morphemes are matched in frequency.

The same materials are used in a Visual Lexical Decision task [26]. Regularly inflected words and derived words are the same as those used in Repetition [11], Oral Reading [34] and Spelling-to-Dictation [43].

### Descriptive Statistics:

Norms are not currently available

**Suggestions for Where to go next:** If the patient tends to make false positive errors to the nonword root - suffix combinations, this suggests that he or she is unable to judge whether they are legal pairings. Find out whether morphological errors are also made in Visual Lexical Decision [26]. If they are, this may suggest a semantic locus for the difficulty, or even an output locus. Find out whether morphological errors are made in Repetition [11] and in Oral Reading [34]. If the patient makes errors when the task is presented auditorily but not when it is presented visually, this may indicate that the problem is located at the level of the Phonological Input Lexicon.

If the patient shows generally poor performance, give another Auditory Lexical Decision task [10] as part of assessing auditory input processing.

## Auditory Lexical Decision &amp; Morphology: Presenter's Form 1

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Instructions to Subject:** I want you to listen to what I say. When you recognise a word, say "yes". Listen carefully, though, because sometimes what I say will be a 'made-up' word. When it's a made-up word, say "no".

**Marking Instructions:** Circle incorrect response in the appropriate column (W indicates a word target that has been missed; NW indicates a nonword target that has been wrongly accepted as a word). The 'type' column shows whether the morphologically complex word has a regularly inflected (R) or derivational (D) ending.

Target	Type			Target	Type		
1 canned	R		W	31 wises		NW	
2 fullen		NW		32 lazy	D		W
3 youngs		NW		33 crumble	D		W
4 hairy	D		W	34 bees	R		W
5 curling	R		W	35 worky		NW	
6 buyer	D		W	36 cleaned	R		W
7 blankle		NW		37 faithed		NW	
8 smiled	R		W	38 sleepant		NW	
9 wifer		NW		39 crossed	R		W
10 towned		NW		40 sailor	D		W
11 handy	D		W	41 hilled		NW	
12 kissed	R		W	42 ducks	R		W
13 strawing		NW		43 rices		NW	
14 slimmer	D		W	44 poetor		NW	
15 joyed		NW		45 sharpy		NW	
16 darks		NW		46 stranger	D		W
17 keeny		NW		47 sealed	R		W
18 teacher	D		W	48 tortured	R		W
19 rivered		NW		49 canyoned		NW	
20 rocks	R		W	50 crewer		NW	
21 pleasant	D		W	51 pays	R		W
22 busher		NW		52 cloudy	D		W
23 pens	R		W	53 madded		NW	
24 cutter	D		W	54 harden	D		W
25 baller		NW		55 lessed		NW	
26 camper	D		W	56 lawner		NW	
27 facey		NW		57 merger	D		W
28 lied	R		W	58 wises		NW	
29 souther		NW		59 gvester		NW	
30 newed		NW		60 freed	R		W
<b>R</b>		/15					
<b>D</b>		/15					

Auditory Lexical Decision & Morphology:

Marking Form

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Regularly Inflected Words		Nonwords	
1	rocks	wides	
2	canned	newed	
3	curling	strawing	
4	pens	rices	
5	lied	lessed	
6	smiled	rivered	
7	kissed	joyed	
8	sealed	madded	
9	tortured	canyoned	
10	ducks	darks	
11	pays	youngs	
12	cleaned	faithed	
13	freed	towned	
14	bees	wises	
15	crossed	hilled	
Total Correct		Total Correct	
	/15	/15	
<b>Derivational</b>		<b>Nonwords</b>	
1	handy	worky	
2	merger	busher	
3	stranger	gvester	
4	teacher	poetor	
5	crumble	blankle	
6	camper	baller	
7	harden	fullen	
8	slimmer	lawner	
9	cloudy	sharpy	
10	pleasant	sleepant	
11	lazy	keeney	
12	hairy	facey	
13	cutter	wifer	
14	buyer	souther	
15	sailor	crewer	
Total Correct		Total Correct	
	/15	/15	