

Visual 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 an Auditory Lexical Decision task [6].

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 Auditory Lexical Decision [6]. 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 visually but not when it is presented auditorily, this may indicate that the problem is located at the level of the Orthographic Input Lexicon.

If the patient shows generally poor performance, give another Visual Lexical Decision task [25] as part of assessing auditory input processing.

Visual Lexical Decision Task

Name:	Date:
-------	-------

Only some of these items are real words. Others are 'made-up' words. **Please mark the words you recognise.**

- | | | |
|--------------|-------------|--------------|
| 1. newed | 2. souther | 3. lied |
| 4. facey | 5. camper | 6. baller |
| 7. cutter | 8. pens | 9. busher |
| 10. pleasant | 11. rocks | 12. rivered |
| 13. teacher | 14. keeny | 15. darks |
| 16. joyed | 17. slimmer | 18. strawing |
| 19. kissed | 20. handy | 21. towne |
| 22. wifer | 23. smiled | 24. blankle |
| 25. buyer | 26. curling | 27. hairy |
| 28. youngs | 29. fullen | 30. canned |

Visual Lexical Decision Task

Name: _____

Date: _____

Only some of these items are real words. Others are 'made-up' words. **Please mark the words you recognise.**

31. freed

32. guester

33. wides

34. merger

35. lawner

36. lessed

37. harden

38. madded

39. cloudy

40. pays

41. crewer

42. canyoned

43. tortured

44. sealed

45. sharpy

46. stranger

47. poetor

48. rices

49. ducks

50. hilled

51. sailor

52. crossed

53. sleepant

54. faithed

55. cleaned

56. worky

57. bees

58. crumble

59. lazy

60. wises

Visual Lexical Decision & Morphology: Presenter's Form

Name: _____	Date: _____
-------------	-------------

Instructions to Subject: I'm going to show you some written items. When you see a word that you recognise, please tick it. Think carefully, though, because sometimes what you will see will be a 'made-up' word. When it's a made-up word, put a cross.

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

Visual 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	/15	Total Correct	/15
Derivational		Nonwords	
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	keeny	
12	hairy	facey	
13	cutter	wifer	
14	buyer	souther	
15	sailor	crewer	
Total Correct	/15	Total Correct	/15