



NORTHWESTERN
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Northwestern Naming Battery

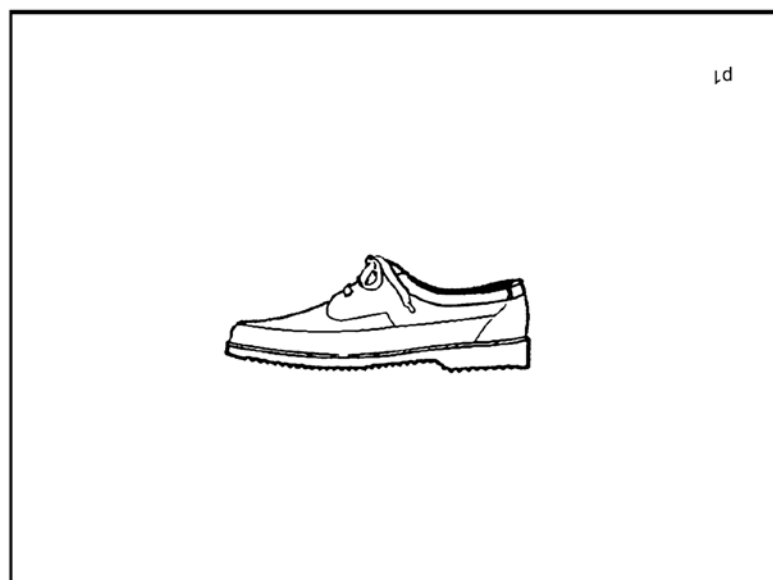
Sample Items and Response Form Pages

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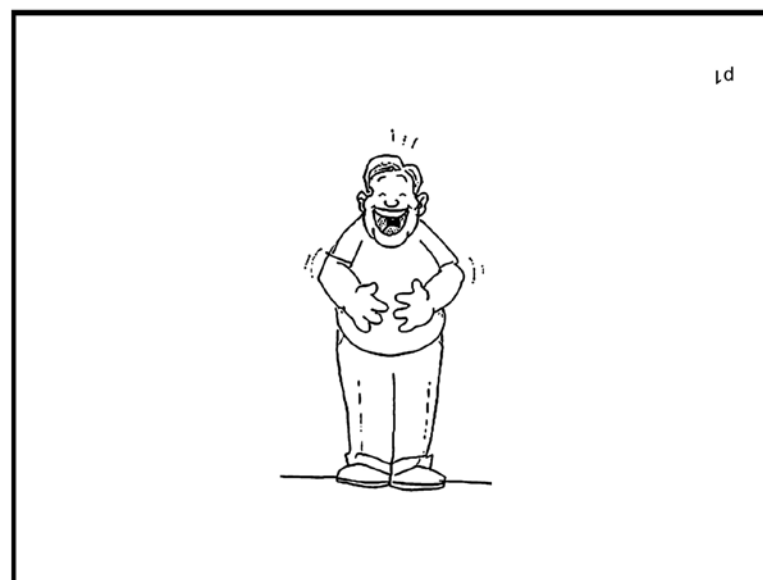
with contributions from Gulustu Kaptanoglu and Swathi Kiran

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Sample stimuli for the Confrontation Naming subtest



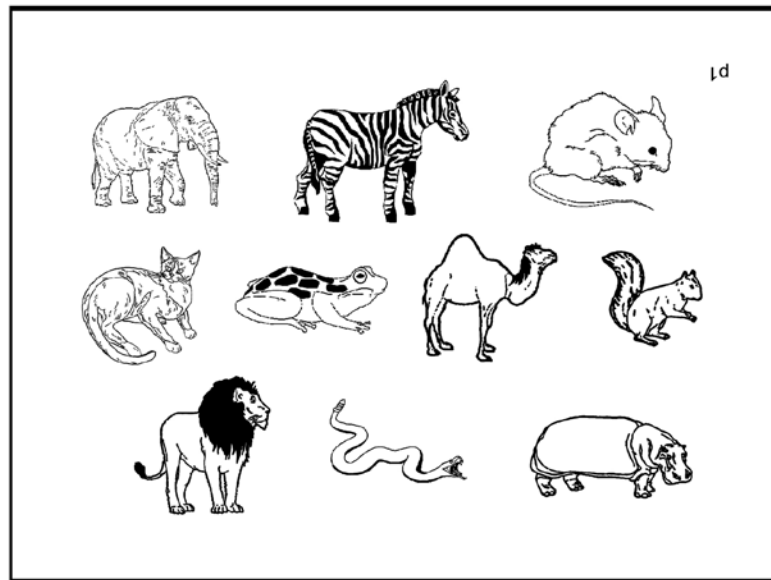
(a) object noun (target: shoe)



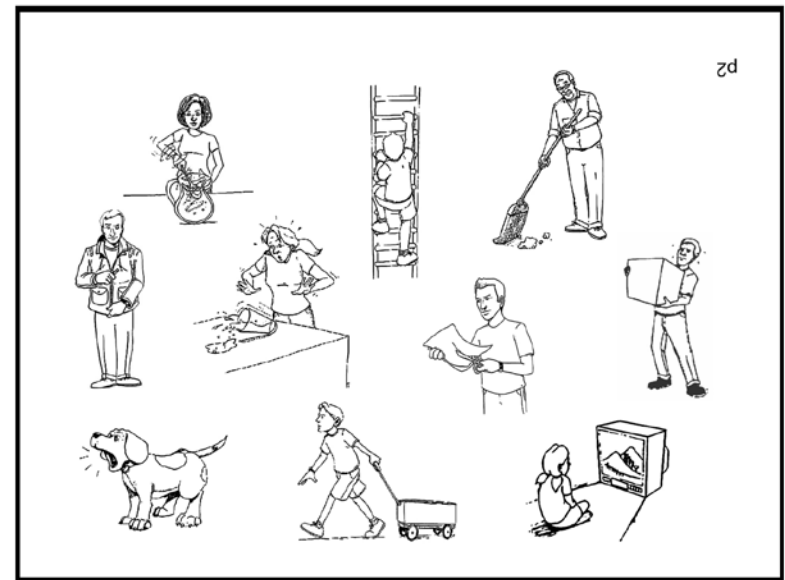
(b) action verb (target: laugh)

Sample stimuli for the Auditory Comprehension subtest

Each card shows 10 noun pictures from the same noun category (e.g., “animals”) or 10 verbs. Participants are asked to identify the target noun (a) or verb (b).



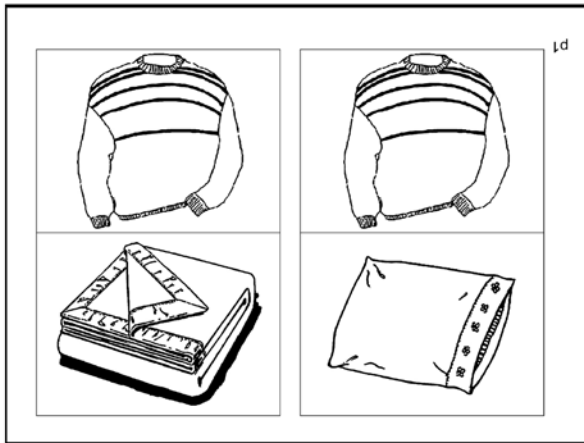
(a) object noun (target: camel)



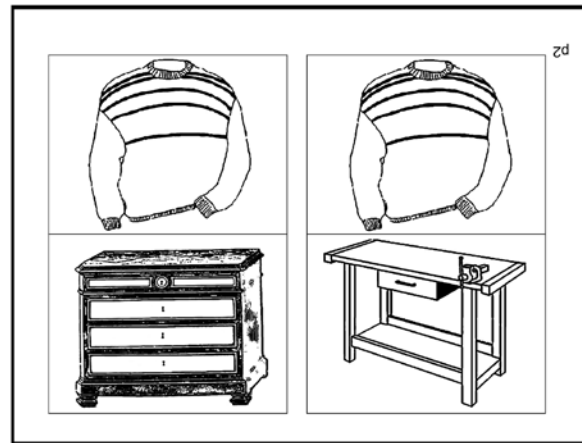
(b) action verb (target: bark)

Sample stimuli for the Semantic Associates subtest

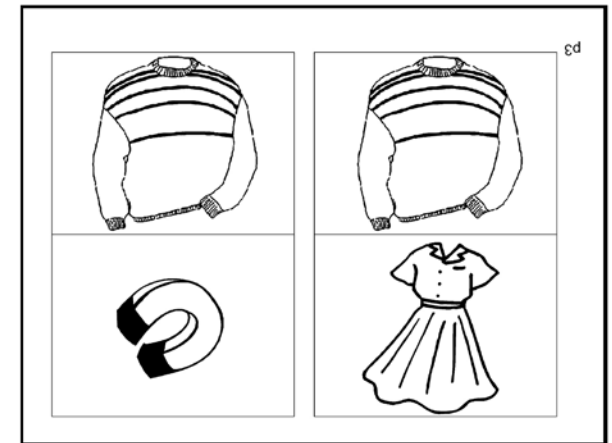
Each card shows two object pairs. Participants are asked to identify which pair is more semantically similar.



(a) Target: The objects making up the left pair (sweater and blanket) are more semantically similar (functional relationship).



(b) Target: The objects making up the left pair (sweater and chest of drawers) are more semantically similar (contextual association).



(a) Target: The objects making up the right pair (sweater and dress) are more semantically similar (categorical/functional relationship).

Summary of other subtests

The Auditory Discrimination subtest includes ten pairs of single syllable words: five same-word pairs (i.e., “den/den”) and five similar-sounding-word pairs (i.e., “pin/bin”). The Auditory Lexical Decision subtest includes ten two-syllable words: 5 words (i.e., “clover”) and 5 pseudowords (i.e., “vipple”). The Non-word Repetition subtest is made up of 10 two-syllable pseudowords (i.e., “wimming”). The non-words follow the phonotactic rules of the English language and were created by substituting correct phonemes of real words with incorrect ones. These non-words are used to detect difficulties in decoding and producing phonemes. The Word Repetition subtest includes 21 items from the Confrontation Naming section: three words from each noun category (animals, fruits/vegetables, tools, clothing, body parts), three colors, and three verbs.

Use Stimuli Book 1

Subtest 3. Confrontation Naming (Nouns)															
Target	Response (Transcribe Errors)	+ / -										Auditory Verification (AV)			
		Nouns & Adjectives								Verbs		Response (circle)			
		A	F	T	C	O	B	Co	I	Tr					
p1	Shoe												shoe	slipper	show
1	Glove												glut	glove	mitten
2	Pepper												onion	pendant	pepper
3	Cat												cap	cat	dog
4	Tie												tie	time	suit
5	Broom												mop	brood	broom
6	Apple												orange	apple	atom
7	Snake												snake	snack	turtle
8	Suit												jacket	soup	suit
9	Belt												bell	sash	belt
10	Scissors												knife	scissors	sisters
11	Sock												sod	sock	boot
12	Elephant												elephant	element	rhino
13	Mouse												mouth	mouse	raccoon
14	Onion												garlic	oven	onion
15	Hammer												hammer	anvil	hammock
16	Com												cord	wheat	corn
Noun Subtotal 1		/4	/4	/3	/5								# AV Correct _____	# AV Admin _____	

Subtest 3. Confrontation Naming (Verbs)																
Target	Response (transcribe errors)	+ / -										Auditory Verification (AV)				
		Nouns & Adjectives								Verbs		Response (circle)				
		A	F	T	C	O	B	Co	I	Tr						
p1	Laugh												lag	giggle	laugh	
17	Zip												zing	button	zip	
18	Bark												bite	barge	bark	
19	Sweep												swim	sweep	dust	
20	Spill												spill	drop	split	
21	Throw												catch	throw	thrust	
22	Pray												praise	wish	pray	
23	Swim												dive	swim	swing	
24	Pour												poke	spill	pour	
25	Read												read	write	ream	
26	Cry												scream	croak	cry	
27	Write												withe	read	write	
28	Stir												stick	stir	shake	
29	Pull												pull	put	slide	
30	Climb												cling	crawl	climb	
31	Jump												jug	jump	fly	
32	Crawl												cross	crawl	roll	
Verb Subtotal													/6	/10	# AV Correct _____	# AV Admin _____

Category: A=Animals; F=Fruit and vegetables; T=Tools; C=Clothing; O=Others; B=Body parts; Co=Colors; I=Intransitive verbs; Tr=Transitive verbs.

Target		Error Analysis (check error type)											Total # All Errors	
		Single word						Expository			Other			
		SR	SU	Pn	Pr	N	WC	ESR	P/N	Em	Pe	Un		DK
p1	Shoe													
1	Glove													
2	Pepper													
3	Cat													
4	Tie													
5	Broom													
6	Apple													
7	Snake													
8	Suit													
9	Belt													
10	Scissors													
11	Sock													
12	Elephant													
13	Mouse													
14	Onion													
15	Hammer													
16	Com													
Noun Subtotal 1														

Target		Error Analysis (check error type)											Total # All Errors	
		Single word						Expository			Other			
		SR	SU	Pn	Pr	N	WC	ESR	P/N	Em	Pe	Un		DK
p1	Laugh													
17	Zip													
18	Bark													
19	Sweep													
20	Spill													
21	Throw													
22	Pray													
23	Swim													
24	Pour													
25	Read													
26	Cry													
27	Write													
28	Stir													
29	Pull													
30	Climb													
31	Jump													
32	Crawl													
Verb Subtotal														

Single word errors: SR=Semantically related; SU=Semantically unrelated; Pn= Phonemically similar non-word; Pr=Phonemically similar, real word; N=Neologism; WC=Word class.
Expository: ESR=Semantically related, descriptive, contextual; P/N= Paragrammatic, Neologistic; Em=Empty filler phrases.
Other : Pe = Perceptual misidentification; Un=Unclassifiable; DK=Don't Know