Grammatical Class Reading:

Instructions for Use

This task looks for effects of grammatical word class in reading aloud. Sets of 20 nouns, adjectives, verbs and functors were selected on the grounds they generally occur in the language in those particular grammatical roles. Words are matched across groups (on a one-to-one basis) as far as possible for word frequency and number of letters, syllables and morphemes. Nouns, adjectives and verbs are matched for imageability.

Grammatical class effects in oral reading (less success in reading aloud verbs and functors than nouns) have been noted in some acquired dyslexic disorders (cf. papers in Coltheart, M. Patterson, K.E. & Marshall, J.C. (1987), **Deep Dyslexia**, London: Routledge & Kegan Paul). Such effects may be due to underlying syntactic-semantic difficulties, or may be due to the fact that words like functors, that often take a purely grammatical role, are generally lower in imageability than other word-classes.

Descriptive Statistics (for 32 control subjects):

Nouns	(n = 20)	Mean = 19.87	Std. Dev. = 0.43
Adjectives	(n = 20)	Mean = 19.97	Std. Dev. = 0.18
Verbs	(n = 20)	Mean = 19.97	Std. Dev. = 0.18
Functors	(n = 20)	Mean = 19.93	Std. Dev. = 0.37

Suggestions for Where to go next: If the subject is more successful in reading aloud nouns than functors, test oral reading performance of nouns and functors matched on imageability **[33]**. If the effect of grammatical class disappears, check for imageability effects in reading aloud **[31]** and comprehension **[49, 50]**. If the effect of grammatical class remains, test for this variable across modality (eg. Repetition **[10]**) and look at sentence comprehension **[55 - 60]**.

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<u>Reading Task</u>

Please read each word aloud as clearly as you can

appear	suffer	wrong	proper
ability	thou	career	serious
nor	scene	meet	latter
welfare	hero	happy	write
severe	follow	nobody	grief
red	dense	wisdom	whence
expect	entire	concept	image
sight	onto	meanwhile	size
ancient	amount	broad	speak
mouth	shrink	destroy	hard

Reading Task

Please read each word aloud as clearly as you can

listen	hang	run	myself
describe	somehow	hear	develop
opinion	bell	ought	role
else	grow	carry	agree
gentle	damp	virtue	wide
none	beneath	client	seldom
ignore	handsome	maybe	regular
art	despite	hence	upward
plus	upper	equal	task
tragic	anyone	build	warm

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Grammatical Class Reading: Presenter's Form 1

Name:	Date:

Marking Instructions: Circle incorrect answers in 'Type' column. Write subject's responses in space provided to allow examination of error types.

Target	Type	Response
appear	V	
suffer	V	
wrong	A	
proper	A	
ability	N	
thou	F	
career	N	
serious	A	
nor	F	
scene	N	
meet	V	
latter	F	
welfare	N	
hero	N	
happy	A	
write	V	
severe	A	
follow	V	
nobody	F	
grief	N	
red	A	
dense	A	
wisdom	N	
whence	F	
expect	V	
entire	A	
concept	N	
image	N	
sight	N	
onto	F	
meanwhile	F	
size	N	
ancient	A	
amount	N	
broad	A	
speak	V	
mouth	N	
shrink	V	
destroy	V	
hard	A	

Name:	Date:

Target	Type	Response
listen	V	
hang	V	
run	V	
myself	F	
describe	V	
somehow	F	
hear	V	
develop	V	
opinion	N	
bell	N	
ought	F	
role	N	
else	F	
grow	V	
carry	V	
agree	V	
gentle	A	
damp	A	
virtue	N	
wide	A	
none	F	
beneath	F	
client	N	
seldom	F	
ignore	V	
handsome	A	
maybe	F	
regular	A	
art	N	
despite	F	
hence	F	
upward	F	
plus	F	
upper	A	
equal	A	
task	N	
tragic	A	
anyone	F	
build	V	
warm	A	

NOUNS		/20
ADJECTIVES		/20
VERBS		/20
FUNCTORS		/20

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Grammatical Class Reading: Marking Form

Name: Date:

Nouns		Error Type	Adjectives		Error Type
art			red		
size			hard		
role			wide		
task			warm		
bell			damp		
hero			upper		
scene			wrong		
mouth			happy		
sight			broad		
image			equal		
grief			dense		
amount			entire		
virtue			tragic		
client			gentle		
career			ancient		
wisdom			severe		
concept			proper		
opinion			serious		
ability			regular		
welfare			handsome		
Total Correct			Total Correct		
Verbs		**Error Type**	**Functors**		**Error Type**
run			nor		
hear			else		
meet			none		
grow			plus		
hang			thou		
agree			onto		
speak			ought		
write			maybe		
build			hence		
carry			latter		
shrink			whence		
follow			myself		
suffer			seldom		
ignore			upward		
listen			somehow		
describe			beneath		
expect			despite		
appear			anyone		
develop			nobody		
destroy			meanwhile		
Total Correct			Total Correct		