WordDriver-1 and WordDriver-2 AxNW Lists

These are the response forms used to document participant responses on the dependent variables - the Assessment Nonword Lists (AxNW Lists) used in the research reported in Seiler & Leitão 2023.

This research follows the thesis research (Seiler, Leitão, & Blosfelds, 2018) which developed and evaluated a web app targeting accurate decoding for children with severe and persistent word reading impairment. The current research replicated the thesis research, and developed a second stage of the decoding Intervention which aims to teach grapheme-phoneme knowledge for vowel spelling patterns.

Current research

Seiler, A.M., Leitão, S., 2023. "Targeting phonological recoding to support orthographic learning: effectiveness of WordDriver delivered via telehealth", Australian Journal of Learning Difficulties (open access www.elr.com.au/links/BNJKD).

Abstract: Fluent word recognition is an essential component of skilled reading, yet most children with reading difficulty have impaired word recognition. We developed and evaluated a web app, WordDriver, delivered via teletherapy, which targets phonological recoding to support orthographic learning and efficient word recognition. Participants were five children (aged 7–10 years) who, despite previous intervention using a systematic, synthetic phonics approach, demonstrated persistent word recognition impairment. Two studies, each using a single case experimental design examined changes in decoding accuracy (study 1) and orthographic learning (study 2) as measured by researcher-developed nonword reading and spelling lists, and standardised nonword reading assessments. Results suggested that all participants, irrespective of oral language and phonological processing profiles, made significant gains in decoding accuracy and orthographic learning for targeted vowel digraphs on researcher-developed nonword reading assessments, with clinically significant gains on standardised measures of decoding, and trends for generalisation in spelling.

Thesis research

Seiler, A., Leitão, S., & Blosfelds, M. (2018). WordDriver-1: evaluating the efficacy of an appsupported decoding intervention for children with reading impairment. *International Journal of Language & Communication Disorders*, *54*(2), 155-305. doi:doi:10.1111/1460-6984.12388

Nonwords - Set: 1 (length=35)

ID Code: Score 60: Date: Score Total:

-		
1 2 3 4 5 6 7	ip	
2	zad	
3	yec	
4	rab	
5	yag	
6	kak	
7	ubs	
8 9	dand	
	celd	
10	celp	
11	crid	
12	julk	
13	zens	
14	twal	
15	clin	
16	clel	
17	bups	
18	sleg	
19	skob	
20	brald	
21	gwulp	
22	prens	
23	glalc	
24	bolds	
25	tweds	
26	zomps	
27	fects	
28	flugs	
29	twegs	
30	blopts	
31	struft	
32	scrift	
33	scraks	
34	spleks	
35	swusks	

Nonwords - Set: 2 (length=35)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8	og	
	nas	
3	nez	
4	vop	
5	wep	
6	dez	
/	uft	
8	tant	
	dwom	
10	lalk	
11	glid	
12	rols	
13	spes	
14	nevs	
15	drec	
16	snez	
17	zept	
18	twus	
19	gwub	
20	steld	
21	brilm	
22	dwost	
23	pends	
24	slolt	
25	tolts	
26	bults	
27	plubs	
28	himps	
29	skift	
30	stists	
31	plends	
32	sposts	
33	dwintz	
34	spraps	
35	dwalms	

Nonwords - Set: 3 (length=35)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8	yi nog
2	nos lod
	teb
4	fiv
	int
	cez
'8	lins
	bint
10	nomp
11	viln
12	hebs
13	keft
14	gwal
15	blag
16	glot
17	elps
18	kuds
19	isks
20	brold
21	drilm
22	frots
23	plaft
24	fisps
25	smeks
26	bafts
27	splak
28	yasps
29	fulfs
30	scrits
31	rompts
32	crilns
34	flalbs
35	plimps scumps

Nonwords - Set: 4 (length=35)

ID Code: Score 60: Date: Score Total:

-	
1 2 3 4 5 6 7 8	OM
	noz
) J	mek beb
4	beb
	ceg
7	jeb jif
'	Jii wems
	scom
10	lalf
11	dalk
12	mesk
13	kisk
14	higs
15	wulp
16	stog
17	jegs
18	druv
19	skoz
20	glild
21	drilk
22	flilt
23	belms
24	smols
25	yilds
26	zalks
27	lufts
28	twums
29	scrud
30	sprild
31	stisks
32	splets
33	sprans
34	skefts
35	gwempt

Nonwords - Set: 5 (length=35)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8	ek
	yoc ba-
3	hoz
4	zon
5	kef
6	evs
	ums
8	liln
	scis
10	miln
11	dods
12	sult
13	fips
14	dulk
15	gapt
16	dwav
17	dwet
18	skol
19	brug
20	trint
21	trand
22	plist
23	plamp
24	dwuns
25	selms
26	slelt
27	scalk
28	sempt
29	scroc
30	screts
31	stilns
32	glilts
33	spelds
34	smucts
35	splums

Nonwords - Set: 6 (length=35)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8	ag
	hib
) J	yef
4	rud
	wec vic
7	ulf
'	habs
	grof
10	gioi caks
11	zilm
12	jalt
13	jens
14	smed
15	gibs
16	stip
17	drac
18	skam
19	snup
20	smild
21	gwulb
22	yends
23	drasp
24	trums
25	rimps
26	kalks
27	slelm
28	glecs
29	snect
30	prolts
31	prolks
32	flelts
33	glalms
34	splimp
35	smemps

Nonwords - Set: 7 (length=35)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7	ut	
2	tas	
3	yeg	
4	rup	
5	kem	
6	vib	
7	kav	
8 9	tavs	
I .	smis	
10	cals	
11	snid	
12	hols	
13	flod	
14	peft	
15	funs	
16	stos	
17	gwet	
18	slig	
19	snum	
20	stold	
21	stoms	
22	frels	
23	cralt	
24	gwist	
25	zilds	
26	scret	
27	kompt	
28	slebs	
29	biscs	
30	splund	
31	brolks	
32	scribs	
33	scipts	
34	plilms	
35	smolks	

Nonwords - Set: 8 (length=35)

ID Code: Score 60: Date: Score Total:

1		
1 2 3 4 5 6 7 8	ud	
2	yoz mog	
) J	mec boz	
4	kel	
	ipt	
7	isc	
8	fant	
9	gwis	
10	palk	
11	jans	
12	fots	
13	wapt	
14	gwod	
15	treb	
16	ceps	
17	zags	
18	crim	
19	spac	
20	slild	
21	spost	
22	gralf	
23	glols	
24	braps	
25	snend	
26	smusk	
27	snoms	
28	twoms	
29	wempt	
30	grents	
31	plintz	
32	splect	
33	gresks	
34	prusps	
35	flimps	

Nonwords - Set: 9 (length=35)

ID Code: Score 60: Date: Score Total:

1 1	VO	
1 2 3 4 5 6 7 8	nad nad	
3	gog	
4	tem	
5	wev	
6	yab	
7	isp	
8	wemp	
9	frit	
10	rilk	
11	nens	
12	jasp	
13	jalc	
14	dags	
15	blas	
16	plog	
17	nugs	
18	bliv	
19	swic	
20	clold	
21	prilt	
22	frols	
23	plapt	
24	pomps	
25	slems	
26	delms	
27	flegs	
28	sweps	
29	scrim	
30	grilts	
31	glents	
32	slelts	
33	swasts	
34	splift	
35	clulks	

Nonwords - Set: 10 (length=35)

ID Code: Score 60: Date: Score Total:

1 fu 2 foz 3 lon 4 cug 5 roz 6 vos 7 umf 8 soms 9 prot 10 gilm 11 zacs 12 jult 13 vemp 14 dult 15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt 35 swisks		
2 foz 3 lon 4 cug 5 roz 6 vos 7 umf 8 soms 9 prot 10 gilm 11 zacs 12 jult 13 vemp 14 dult 15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		
10 gilm 11 zacs 12 jult 13 vemp 14 dult 15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt	1 1	l I
10 gilm 11 zacs 12 jult 13 vemp 14 dult 15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt	2	1 1
10 gilm 11 zacs 12 jult 13 vemp 14 dult 15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt	3	
10 gilm 11 zacs 12 jult 13 vemp 14 dult 15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt	4	l I I
10 gilm 11 zacs 12 jult 13 vemp 14 dult 15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt	5	
10 gilm 11 zacs 12 jult 13 vemp 14 dult 15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt	6	l I I
10 gilm 11 zacs 12 jult 13 vemp 14 dult 15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt	7	
10 gilm 11 zacs 12 jult 13 vemp 14 dult 15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt	8	l I I
11		l I
12 jult 13 vemp 14 dult 15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		l I I
13		l I I
14 dult 15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		l I I
15 dreb 16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		l I
16 sneb 17 cluv 18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		l I
17		1 1
18 crav 19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		l I I
19 swof 20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		cluv
20 blald 21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		crav
21 slict 22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		swof
22 glunt 23 blags 24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt	20	blald
blags drevs jonts smamp representations of the street of t		l I
24 drevs 25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		glunt
25 jonts 26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		blags
26 smamp 27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt	24	drevs
27 kipts 28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		jonts
28 snalp 29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt	26	smamp
29 scrog 30 brolts 31 snants 32 smonts 33 cralbs 34 clompt		kipts
30 brolts 31 snants 32 smonts 33 cralbs 34 clompt	28	snalp
31 snants 32 smonts 33 cralbs 34 clompt		scrog
32 smonts 33 cralbs 34 clompt		brolts
33 cralbs 34 clompt		snants
34 clompt	32	smonts
	33	cralbs
35 swisks	34	clompt
	35	swisks

Nonwords - Set: 11 (length=35)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7	yo wat neb sog	
6	zeg moz	
7	jiv	
8 9	haps	
	gros	
10 11	zont tisk	
12	wusp	
13	zalc	
14	scod	
15	tref	
16	stav	
17	trag	
18 19	prac brum	
20	greld	
21	brilk	
22	treps	
23	brams	
24	snuns	
25	cacts	
26 27	dilks	
28	slusk hulps	
29	rulfs	
30	slopts	
31	gompts	
32	smands	
33	snasts	
34	twafts	
35	snimps	

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-1 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	shou louch vouth thouge jaice yoach chouth vaise haith shoap koath phoach haitch daitch woathe shount floun dounge rounge droam ploaf shraim snoal scaif ploathe phloak traint straim scounge splaim

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-2 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 21 3 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 20 20 20 20 20 20 20 20 20 20 20 20 20	aith ouse zoat youch bouth nouge vaim shaice shoath yoam maive soathe vaitch toathe spou stoun crouth traim bloal droath swoat swaitch craint sprouse stroun stroach splaise spounge scrait sploak

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-3 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	poat gouse zouch vaice chouge shouth zaif choan daith coaf whoath faitch baitch joaf glou daint brouge sloul thounge shrain glaice shroap scoan fraith phlouch phroam swoath phlaith stroat scrount

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-4 (length=30)

ID Code: Score 60: Date: Score Total:

	1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	nouch kouth soach zaice chouse kait cout shain shoak goak phaif moathe whaith ounge goathe thount flain drouth cloal snoun skouth praim proach fraise cloach phroap dwaith phloul smoathe splaice

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-5 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	doat wouse zouth sout yaice whouge naif thoach vaith choath ount daive shaitch poam zoap dwout flouse throuth phrouge froak thwail spoan shraith skoal splou spoaf scaitch twoam thraint straif

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-6 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	lou thait thoam gouth choun boul kaif shoam kaith soath chaith paitch shoathe yoathe clou staif crouse scouth proat fraice shroan craise dwait thwoath smoap snaith snount trounge scroul sploan	

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-7 (length=30)

ID Code: Score 60: Date: Score Total:

	1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 20 20 20 20 20 20 20 20 20 20 20 20 20	houch louth mout paim moach jaim youn chait choap goap thaitch choathe whaitch noak stou stoul staim braif proathe dwouth sloat whounge smaice glaith bloath phroak twaith swoach prounge scrouse

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-8 (length=30)

ID Code: Score 60: Date: Score Total:

	T
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	jou douth kouge tait foach joach zaise wout taith yoap whaice woap raitch voam blou trouge plouse hounge smait cloap shrout froap claise twaif thwoak smoath twaive dwoam strouch scraint

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-9 (length=30)

ID Code: Score 60: Date: Score Total:

	T T
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 29 30	thoul pouge whoan moul noach vait shouch haise houn maith toath woaf chaitch phaitch joathe vount grouth dwouse prail froat bloaf phlaise thwoaf snoaf staint frounge straive sproach spraif splout

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-10 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	thoun woach thwou shouge taise phouge yaif doak shait shoach shaise zoun joal phaive zoak slout graim cloat skoun thwait shounge throap shroath flaith snaif scoath swoak glount splouse spraise

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-11 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	oun vouse pouth whoaf nait zoach boun naise caith jout chaim boaf thoathe kaitch hoathe drouse glouge traif shroul praitch droathe draith snaim floathe phloath praint skount stroan flounge scroak

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-12 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	thoak jouse bouge naice doul moam yaim toul baith choach zoul woam baive yaitch zoathe bloul dwouge groak slaif troathe gloak scaise snait phroaf phloach graint smount phrount sprouth splail

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-13 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	zou thoap houge haice choul yoan zaim roul fout waith woal shaith toaf saitch roathe crouge gloul glail groam snouth throun shrouth spoal shraive swoal dwaim gloathe skoathe claint splait

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-14 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 2 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 20 20 20 20 20 20 20 20 20 20 20 20 20	youse souge moun gaice doach crou jaise gaith foath boam zout roaf whaise laitch noathe droul shrouse graif spouth ploal froaf thraif thwout craitch sloathe skaitch phloap thwaint scrouge scroaf

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-15 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 29 30	fouch fouth waim boach shouse jaif whouth chail voan zoath taive snou waitch whoathe voaf brouth tounge shroal twoun blaice scaice swaim scaith dwoat dwoath drount swaint sproal clounge scroat

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-16 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 21 3 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 20 20 20 20 20 20 20 20 20 20 20 20 20	outh bouse whoap paif drou yail woun thaice moath thaise yoaf foap zaive voap flou cloul counge skouse croal twouch praice shraice shraice shroam swoan swaise phrout skoat twoathe spraith straint

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-17 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	thoaf zouse jouch youge gaif yait woul thoath yaith voul boak hoaf chaive gaitch joam ploun spouch zounge slaice twail froath thwoul braitch bloach twoach spaint flount stroap scroam scraive

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-18 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	loat douch mouge zouge faif thouch zail yoal jaith kout goaf phoap haive jaitch boathe stouse througe bounge craice throaf braith phroath gloath phlain twaint grounge stroam straith scrouth sploaf

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-19 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	foat haif bouch nouth thouth gaise phouth loal shaif doath whoach shrou faive jaive voak grouge blouth throul thrain cloam thwaim bloap twoal skaim phlaive twoap snaint spount blounge sproan

Focus: Long vowels[/ay/(ai) /oa/(oa) /ow/(ou)] Set: 1-20 (length=30)

ID Code: Score 60: Date: Score Total:

1 2 3 4 5 6 7 8 9 10 11 2 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 20 20 20 20 20 20 20 20 20 20 20 20 20	pou thoan hain jouth vouge zait phouch foun naith poath goam caitch yaive zoal noaf crout frouth spoun droak thraive froam swaice skaise dwoach skaint thwount glounge sploal sproam splaive