

Table S1. The critical items in Experiment 1

Critical item	Familiarity	Log frequency	Length	Syllables
airway	3.80	6.94	6	2
bedtime	4.70	6.60	7	2
bookcase	4.30	6.39	8	2
doorknob	3.50	5.00	8	2
eardrum	3.30	5.86	7	2
eyeball	4.50	5.88	7	2
farmyard	4.20	5.49	8	2
fingertip	3.65	8.70	9	3
firelight	3.25	4.86	9	2
fishpond	3.55	4.64	8	2
foothill	3.15	7.19	8	2
gaslamp	3.15	2.81	7	2
hairbrush	3.95	3.32	9	2
handbag	4.85	7.39	7	2
housekeeper	4.60	6.87	11	3
iceberg	4.55	5.70	7	2
landlord	3.85	9.02	8	2
lifebelt	3.40	4.70	8	2
motorcar	4.55	6.30	8	3
newsprint	3.35	6.44	9	2
nightdress	3.45	5.29	10	2
postbag	3.80	6.07	7	2
rainfall	4.35	6.57	8	2
riverbed	3.90	5.04	8	3
rosebud	3.60	5.73	7	2
sandbank	3.65	5.61	8	2
seabird	3.50	6.88	7	2
schoolhouse	4.05	4.00	11	2
seashore	4.25	4.81	8	2
shipboard	3.65	3.46	9	2
snowstorm	4.10	4.52	9	2
spacecraft	4.25	4.91	10	2
sunshine	4.90	8.24	8	2
toothbrush	4.85	5.46	10	2
tearoom	3.40	5.09	7	2
workbench	3.90	6.58	9	2
airfield	3.10	7.11	8	2
bedclothes	3.70	5.91	10	2
bookshop	4.90	6.70	8	2
doorframe	3.40	4.25	9	2
earhole	3.20	5.17	7	2

Critical item	Familiarity	Log frequency	Length	Syllables
eyesight	4.65	5.61	8	2
farmhouse	4.15	7.01	9	2
fingernail	4.55	8.06	10	3
firecracker	3.60	4.00	11	3
fishnet	3.20	4.52	7	2
footnote	3.05	8.58	8	2
gaslight	3.05	4.32	8	2
hairdresser	3.90	6.25	11	3
handbook	4.80	6.69	8	2
housewife	4.85	8.02	9	2
iceland	4.50	5.43	7	2
landowner	4.00	7.81	9	3
lifejacket	3.30	4.00	10	3
motorbike	4.75	5.64	9	3
newsflash	3.20	4.64	9	2
nightclub	4.10	5.29	9	2
postbox	3.65	4.64	7	2
rainstorm	4.50	4.00	9	2
riverbank	4.10	7.13	9	3
rosebush	3.30	3.32	8	2
sandcastle	3.50	4.25	10	2
seagull	3.75	7.37	7	2
schoolwork	4.65	3.91	10	2
seaside	4.20	7.01	7	2
shipwreck	3.80	3.70	9	2
snowfall	4.10	3.32	8	2
spaceship	4.40	5.46	9	2
sunlight	4.90	8.61	8	2
toothpaste	4.20	5.13	10	2
teabag	3.40	5.70	6	2
workroom	4.15	6.52	8	2
airmail	3.80	4.09	7	2
bedside	4.10	7.29	7	2
bookkeeper	4.40	5.09	10	3
doormat	3.30	5.86	7	2
earphone	4.50	6.64	8	2
eyeglass	4.70	3.46	8	2
farmland	4.65	5.83	8	2
fingerprint	4.00	7.99	11	3
fireball	3.30	4.70	8	2
fishbone	3.20	3.17	8	2
footwear	3.35	7.75	8	2
gasmask	3.35	2.81	7	2

Critical item	Familiarity	Log frequency	Length	Syllables
hairstyle	4.65	4.32	9	2
handwriting	4.93	6.64	11	3
housework	4.95	7.06	9	2
icebox	3.70	4.91	6	2
landmark	4.40	9.20	8	2
lifecycle	3.15	5.09	9	2
motorway	4.10	7.54	8	3
newsman	3.45	5.83	7	2
nightlight	3.45	3.32	10	2
postmark	3.45	5.32	8	2
raincoat	4.80	6.79	8	2
riverboat	3.40	3.58	9	3
rosewater	3.10	4.32	9	3
sandbag	3.30	6.29	7	2
seafood	4.25	7.32	7	2
schoolmaster	4.30	4.86	12	3
seaweed	3.60	6.70	7	2
shipowner	3.65	4.17	9	3
snowball	4.60	4.09	8	2
spacesuit	3.65	3.70	9	2
sunrise	4.80	5.70	7	2
toothache	4.75	4.64	9	2
tealeaf	3.50	4.25	7	2
workmate	3.75	7.13	8	2
grassland	3.80	7.01	9	2
heartbeat	4.30	5.81	9	2
flashlight	4.35	6.55	10	2
rainwater	3.25	7.32	9	3
sheepskin	3.10	6.61	9	2
daytime	4.70	6.95	7	2
coastline	4.25	6.25	9	2
earring	4.25	8.63	7	2
battlefield	4.00	4.09	11	2
coalmine	3.35	4.00	8	2
eggshell	4.05	7.73	9	2
airplay	3.70	5.73	8	2
nightlife	3.55	3.58	9	2
doorbell	4.65	5.70	8	2
wheelchair	4.80	5.67	10	2
timetable	4.50	7.18	9	2
dustbin	4.30	6.38	7	2
handcart	3.40	4.58	8	2
footstep	4.30	7.85	8	2

Critical item	Familiarity	Log frequency	Length	Syllables
paintwork	3.85	4.75	9	2
mountainside	3.85	5.09	12	3
birthrate	3.85	5.32	9	2
pathway	4.35	5.64	7	2
backseat	3.15	3.91	8	2
cookware	3.25	3.58	8	2
folksong	3.75	3.81	8	2
shoebox	3.20	4.39	7	2
pancake	4.50	5.52	7	2
necklace	4.55	6.15	8	2
trademark	3.00	4.09	7	2
storyteller	4.55	4.86	11	4
masterpiece	4.40	7.15	11	3
notebook	4.85	7.44	8	2
roadside	4.45	5.78	8	2
booklist	3.65	4.95	8	2
rulebook	3.35	6.48	8	2

Table S2. Targets and primes of the critical items in Experiment 1

Target	Primes		
	MS	MD	Neutral
airway	airfield	airmail	grassland
bedtime	bedclothes	bedside	heartbeat
bookcase	bookshop	bookkeeper	flashlight
doorknob	doorframe	doormat	rainwater
eardrum	earhole	earphone	sheepskin
eyeball	eyesight	eyeglass	daytime
farmyard	farmhouse	farmland	coastline
fingertip	fingernail	fingerprint	earring
firelight	firecracker	fireball	battlefield
fishpond	fishnet	fishbone	coalmine
foothill	footnote	footwear	eggshell
gaslamp	gaslight	gasmask	airplay
hairbrush	hairdresser	hairstyle	nightlife
handbag	handbook	handwriting	doorbell
housekeeper	housewife	housework	wheelchair
iceberg	iceland	icebox	timetable
landlord	landowner	landmark	dustbin
lifebelt	lifejacket	lifecycle	handcart
motorcar	motorbike	motorway	footstep
newsprint	newsflash	newsman	trademark
nightdress	nightclub	nightlight	mountainside
postbag	postbox	postmark	birthrate
rainfall	rainstorm	raincoat	pathway
riverbed	riverbank	riverboat	backseat
rosebud	rosebush	rosewater	cookware
sandbank	sandcastle	sandbag	folksong
seabird	seagull	seafood	shoebox
schoolhouse	schoolwork	schoolmaster	pancake
seashore	seaside	seaweed	necklace
shipboard	shipwreck	shipowner	paintwork
snowstorm	snowfall	snowball	storyteller
spacecraft	spaceship	spacesuit	masterpiece
sunshine	sunlight	sunrise	notebook
toothbrush	toothpaste	toothache	roadside
tearoom	teabag	tealeaf	booklist
workbench	workroom	workmate	rulebook

Table S3. The filler items in Experiment 1

Filler item	Length	Syllables	Filler item	Length	Syllables
artlift	7	2	countrymusic	12	4
bodystatus	10	4	cultureshock	12	3
carsong	7	2	energycrisis	12	5
cashface	8	2	fencewall	9	2
coffeejob	9	3	flagrise	7	2
cheesestone	11	2	groundfloor	11	2
countrybook	11	3	groupdance	10	2
culturenoise	12	3	healthclub	10	2
energyworry	11	5	housepet	8	2
fencesale	9	2	junkmail	8	2
flagpiece	9	2	kidgame	7	2
groundhome	10	2	lawfirm	7	2
groupjoy	8	2	marketshare	11	3
healthkey	9	2	metalframe	10	2
housewine	9	2	mousehole	9	2
junkmind	8	2	namecard	8	2
kidplace	8	2	potlid	6	2
lawcost	7	2	raceorder	8	3
marketcall	10	3	riskratio	9	3
metallife	9	2	relieffund	10	3
mousezone	9	2	roadsign	8	2
namechair	9	2	servicearea	11	4
potlook	7	2	signtext	8	2
raceheart	9	2	skilllevel	10	2
riskback	8	2	skincare	8	2
reliefpark	10	3	studyeffect	11	4
roadvalue	9	3	taxifare	8	2
servicecup	10	3	textfile	8	2
signnews	8	2	timelimit	9	3
skillnumber	11	3	trafficrule	11	3
skinpath	8	2	artform	7	2
studyidea	9	4	bodyclock	9	3
taxiplan	8	2	carspeed	7	2
textball	8	2	cashbox	7	2
timeway	7	2	coffeemill	10	3
trafficanger	12	4	cheeseknife	11	2
artroom	7	2	countryhouse	12	3
bodyshape	9	3	culturestyle	12	3
carshow	8	2	energywaste	11	4
cashflow	8	2	fenceline	9	2
coffeecup	9	3	flagday	8	2

cheesebread	11	2	groundwater	11	3
groupsize	9	2	flowergarden	12	3
healthleve	11	2	timekiller	10	3
houserent	9	2	orangejuice	11	4
junkyard	8	2	deskmate	8	2
kidmurder	9	3	chessmatch	10	2
lawmaker	8	3	kitchensink	11	3
marketprice	11	3	copyright	9	3
metalbar	8	2	waterbird	11	3
mousetail	9	2	bookcover	9	2
nameday	7	2	fruitseed	9	2
pothole	7	2	statelaw	8	2
racebike	9	2	busstop	7	2
riskcontrol	11	3	woodscrew	9	2
reliefwork	10	3	birdcage	8	2
roadtax	7	2	goldring	8	2
servicerule	11	3	bankloan	8	2
signpost	8	2	handcream	9	2
skilllabor	10	3	ricecake	8	2
skintouch	9	2	testtube	8	2
studyload	9	3	bananaskin	10	4
taxityre	8	2	meatball	8	2
texttype	8	2	watergames	10	3
timecard	8	2	sunburn	7	2
trafficlight	12	3	mealtime	8	2
classname	9	2	treebark	8	2
riverstone	10	3	penpoint	8	2
toystore	8	2	workchart	9	2
eggsoup	7	2	paperbag	8	3
arrowhead	9	3	testscore	9	2
applepie	8	2	schoolgate	10	2

Table S4. Targets and primes of the filler items in Experiment 1

Target	Primes		
	SM	SM	DM
artlift	artroom	artform	classname
bodystatus	bodyshape	bodyclock	riverstone
carsong	carshow	carspeed	toystore
cashface	cashflow	cashbox	eggsoup
coffeejob	coffeecup	coffeemill	arrowhead
cheesestone	cheesebread	cheeseknife	applepie
countrybook	countrymusic	countryhouse	flowergarden
culturenoise	cultureshock	culturestyle	timekiller
energyworry	energycrisis	energywaste	orangejuice
fencesale	fencewall	fenceline	deskmate
flagpiece	flagrise	flagday	chessmatch
groundhome	groundfloor	groundwater	kitchensink
groupjoy	groupdance	groupsize	copyright
healthkey	healthclub	healthlevel	waterbird
housewine	housepet	houserent	bookcover
junkmind	junkmail	junkyard	fruitseed
kidplace	kidgame	kidmurder	statelaw
lawcost	lawfirm	lawmaker	busstop
marketcall	marketshare	marketprice	woodscrew
metallife	metalframe	metalbar	birdcage
mousezone	mousehole	mousetail	goldring
namechair	namecard	nameday	bankloan
potlook	potlid	pothole	handcream
raceheart	raceorder	racebike	ricecake
riskback	riskratio	riskcontrol	testtube
reliefpark	relieffund	reliefwork	bananaskin
roadvalue	roadsign	roadtax	meatball
servicecup	servicearea	servicerule	watergames
signnews	signtext	signpost	sunburn
skillnumber	skilllevel	skilllabor	mealtime
skinpath	skincare	skintouch	treebark
studyidea	studyeffect	studyload	penpoint
taxiplan	taxifare	taxityre	workchart
textball	textfile	texttype	paperbag
timeway	timelimit	timecard	testscore
trafficanger	trafficrule	traffilight	schoolgate

Table S5. The stimulus lists of Experiment 1

List1		List2		List3	
Prime	Target	Prime	Target	Prime	Target
signpost	signnews	fireball	firelight	pathway	rainfall
bodyclock	bodystatus	bankloan	namechair	healthclub	healthkey
healthleve	healthkey	roadside	toothbrush	mealtime	skillnumber
footstep	motorcar	racebike	raceheart	gaslight	gaslamp
pancake	schoolhouse	footnote	foothill	landmark	landlord
applepie	cheesestone	fenceline	fencesale	workroom	workbench
newsman	newsprint	iceland	iceberg	timekiller	culturenoise
wheelchair	housekeeper	schoolwork	schoolhouse	statelaw	kidplace
treebark	skinpath	junkyard	junkmind	artform	artlift
reliefwork	reliefpark	countrymusic	countrybook	deskmate	fencesale
arrowhead	coffeejob	motorbike	motorcar	namecard	namechair
eggsoup	cashface	mousetail	mousezone	bodyshape	bodystatus
potlid	potlook	skilllabor	skillnumber	ricecake	raceheart
studyload	studyidea	tealeaf	tearoom	skintouch	skinpath
airmail	airway	rulebook	workbench	motorway	motorcar
grouppdance	groupjoy	fingerprint	finger tip	folksong	sandbank
classname	artlift	fishbone	fishpond	shipowner	shipboard
cultureshock	culturenoise	masterpiece	spacecraft	coffeemill	coffeejob
fencewall	fencesale	birthrate	postbag	postbox	postbag
chessmatch	flagpiece	groupsize	groupjoy	spaceship	spacecraft
sandcastle	sandbank	handwriting	handbag	storyteller	snowstorm
bookkeeper	bookcase	housewife	housekeeper	schoolmaster	schoolhouse
schoolgate	trafficanger	cashflow	cashface	cashbox	cashface
orangejuice	energyworry	paperbag	textball	icebox	iceberg
nameday	namechair	cheesebread	cheesestone	copyright	groupjoy
coastline	farmyard	kidmurder	kidplace	shoebox	seabird
bedside	bedtime	trafficrule	trafficanger	footwear	foothill
spacesuit	spacecraft	riverstone	bodystatus	timelimit	timeway
skilllevel	skillnumber	sunrise	sunshine	signtext	signnews
toothache	toothbrush	sheepskin	eardrum	coalmine	fishpond
earphone	eardrum	grassland	airway	bedclothes	bedtime
bookcover	housewine	riskcontrol	riskback	handcream	potlook
flowergarden	countrybook	workchart	taxiplan	eyeglass	eyeball
busstop	lawcost	pothole	potlook	earring	finger tip
timetable	iceberg	lifejacket	lifebelt	goldring	mousezone
fishnet	fishpond	lawfirm	lawcost	housework	housekeeper
junkmail	junkmind	raincoat	rainfall	carshow	carsong
hairstyle	hairbrush	penpoint	studyidea	trafficlight	trafficanger
handcart	lifebelt	energycrisis	energyworry	groundwater	groundhome
riskratio	riskback	meatball	roadvalue	earhole	eardrum

List1		List2		List3	
Prime	Target	Prime	Target	Prime	Target
postmark	postbag	metalbar	metallife	lifecycle	lifebelt
texttype	textball	seafood	seabird	farmland	farmyard
raceorder	raceheart	cookware	rosebud	energywaste	energyworry
kitchensink	groundhome	culturestyle	culturenoise	houserent	housewine
fingernail	fingertip	waterbird	healthkey	nightlight	nightdress
metalframe	metallife	marketprice	marketcall	servicearea	servicecup
dustbin	landlord	seaweed	seashore	rosebush	rosebud
gasmask	gaslamp	coffeecup	coffeejob	flagday	flagpiece
carspeed	carsong	housepet	housewine	necklace	seashore
taxityre	taxiplan	watergames	servicecup	toothpaste	toothbrush
timecard	timeway	groundfloor	groundhome	doorbell	handbag
sunlight	sunshine	heartbeat	bedtime	relieffund	reliefpark
handbook	handbag	nightlife	hairbrush	battlefield	firelight
servicerule	servicecup	bananaskin	reliefpark	bookshop	bookcase
seagull	seabird	airplay	gaslamp	studyeffect	studyidea
roadtax	roadvalue	landowner	landlord	woodscrew	marketcall
kidgame	kidplace	skincare	skinpath	lawmaker	lawcost
backseat	riverbed	nightclub	nightdress	airfield	airway
snowfall	snowstorm	eyesight	eyeball	newsflash	newsprint
marketshare	marketcall	artroom	artlift	fruitseed	junkmind
teabag	tearoom	testscore	timeway	countryhouse	countrybook
rosewater	rosebud	paintwork	newsprint	booklist	tearoom
doorframe	doorknob	toystore	carsong	riverboat	riverbed
rainstorm	rainfall	sunburn	signnews	testtube	riskback
workmate	workbench	flagrise	flagpiece	taxifare	taxiplan
seaside	seashore	doormat	doorknob	cheeseknife	cheesestone
mousehole	mousezone	riverbank	riverbed	rainwater	doorknob
trademark	shipboard	farmhouse	farmyard	hairdresser	hairbrush
mountainside	nightdress	sandbag	sandbank	textfile	textball
firecracker	firelight	snowball	snowstorm	roadsign	roadvalue
eggshell	foothill	shipwreck	shipboard	notebook	sunshine
daytime	eyeball	flashlight	bookcase	birdcage	metallife

Table S6. The critical items in Experiment 2

Critical item	Familiarity	Log frequency	Length	Syllables
airway	3.80	6.94	6	2
backyard	3.50	7.18	8	2
bedtime	4.70	6.60	7	2
bookstore	4.20	5.61	9	2
farmhouse	4.00	7.01	9	2
fingerprint	4.00	7.99	11	3
firelight	3.25	4.86	9	2
footwear	3.35	7.75	8	2
gaslamp	3.15	2.81	7	2
gunman	3.60	9.24	6	2
hairbrush	3.95	3.32	9	2
houseware	3.10	3.32	9	2
landmark	3.90	9.20	8	2
lifejacket	3.30	4.00	10	3
motorboat	4.20	4.91	9	3
needlework	3.10	6.19	10	2
raindrop	3.70	6.43	8	2
riverbed	3.90	5.04	8	3
sandstorm	3.50	4.17	9	2
schoolmate	4.00	5.25	10	2
seawater	3.40	5.78	8	3
snowball	4.60	4.09	8	2
spaceship	4.40	5.46	9	2
suncream	3.10	4.17	8	2
airfield	3.10	7.11	8	2
backdoor	4.10	4.32	8	2
bedclothes	3.70	5.91	10	2
bookcase	4.30	6.39	8	2
farmworker	4.00	5.52	10	3
fingermark	3.30	2.58	10	3
firecracker	3.60	4.00	11	3
footpath	3.40	9.36	8	2
gaslight	3.05	4.32	8	2
gunfight	3.40	4.46	8	2
hairdresser	3.90	6.25	11	3
housecoat	3.60	5.21	9	2
landfall	3.60	5.64	8	2
lifebelt	3.40	4.70	8	2
motorbike	4.10	5.64	8	3
needlecraft	3.30	2.81	11	2
rainfall	4.35	6.57	8	2

Critical item	Familiarity	Log frequency	Length	Syllables
riverbank	4.10	7.13	9	3
sandhill	3.10	3.46	8	2
schoolfriend	4.30	6.11	12	2
seaweed	3.60	6.70	7	2
snowman	4.20	5.95	7	2
spacecraft	4.25	4.91	10	2
sundress	3.60	4.52	8	2
airmail	3.80	4.09	7	2
backpack	3.30	5.58	8	2
bedside	4.10	7.29	7	2
bookkeeper	4.40	5.09	10	3
farmland	4.65	5.83	8	2
fingertip	3.65	8.70	9	3
fireball	3.30	4.70	8	2
foothill	3.15	7.19	8	2
gasmask	3.35	2.81	7	2
gunfire	3.40	7.55	7	2
hairstyle	4.65	4.32	9	2
houseroom	3.50	3.70	9	2
landlord	3.85	9.02	8	3
lifecycle	3.15	5.09	9	2
motorway	4.00	7.54	8	3
needlepoint	3.30	3.17	11	2
raincoat	4.40	6.79	8	2
riverside	3.20	3.81	9	3
sandbag	3.30	6.29	7	2
schoolday	4.00	6.70	9	2
seashore	4.30	4.81	8	2
snowfall	4.10	3.32	8	2
spacesuit	3.65	3.70	9	2
sunstroke	3.50	4.70	9	2
walkway	4.00	10.40	8	3
farmyard	4.20	5.49	8	2
lunchtime	4.80	9.79	9	2
drugstore	3.20	3.58	9	2
treehouse	4.10	2.32	9	2
footprint	3.90	8.45	9	2
moonlight	4.50	8.84	9	2
swimwear	3.20	4.58	8	2
oillamp	3.10	4.86	7	2
boatman	3.20	7.34	7	2
toothbrush	4.85	5.46	10	2
cookware	3.25	3.58	8	2

Critical item	Familiarity	Log frequency	Length	Syllables
birthmark	3.90	5.04	9	2
dustjacket	3.00	3.17	10	3
steamboat	3.40	4.91	9	2
brushwork	3.85	4.58	9	2
teardrop	4.00	4.70	8	2
seabed	3.30	6.87	6	2
snowstorm	4.00	4.52	9	2
clubmate	4.00	4.75	8	2
riverwater	4.00	4.91	10	4
meatball	3.50	4.17	8	2
airship	3.40	6.71	7	2
handcream	3.10	2.32	9	2
pathway	4.35	5.64	7	2
brickyard	3.30	2.58	9	2
daytime	4.70	7.11	7	2
chainstore	3.50	4.64	10	2
playhouse	3.10	6.63	9	2
newsprint	4.00	6.44	9	2
daylight	4.20	9.94	8	2
nightwear	3.10	4.00	9	2
headlamp	3.00	6.29	8	2
milkman	4.00	7.63	7	2
airbrush	3.10	4.95	8	2
silverware	3.10	5.95	10	3
bookmark	3.80	5.95	8	2
leatherjacket	3.10	2.58	13	4
riverboat	3.80	3.58	9	3
schoolwork	4.65	3.91	10	2
airdrop	3.30	4.75	7	2
seedbed	3.10	4.00	7	2
brainstorm	4.50	4.86	10	2
playmate	3.80	5.95	8	2
dishwater	3.90	3.32	9	3
eyeball	4.50	5.88	7	2
battleship	3.30	7.06	10	2
icecream	4.40	4.75	8	2

Table S7. Targets and primes of the critical items in Experiment 2

Target	Primes			
	MS	MD	HS	HD
airway	airfield	airmail	walkway	pathway
backyard	backdoor	backpack	farmyard	brickyard
bedtime	bedclothes	bedside	lunchtime	daytime
bookstore	bookcase	bookkeeper	drugstore	chainstore
farmhouse	farmworker	farmland	treehouse	playhouse
fingerprint	fingermark	fingertip	footprint	newsprint
firelight	firecracker	fireball	moonlight	daylight
footwear	footpath	foothill	swimwear	nightwear
gaslamp	gaslight	gasmask	oillamp	headlamp
gunman	gunfight	gunfire	boatman	milkman
hairbrush	hairdresser	hairstyle	toothbrush	airbrush
houseware	housecoat	houseroom	cookware	silverware
landmark	landfall	landlord	birthmark	bookmark
lifejacket	lifebelt	lifecycle	dustjacket	leatherjacket
motorboat	motorbike	motorway	steamboat	riverboat
needlework	needlecraft	needlepoint	brushwork	schoolwork
raindrop	rainfall	raincoat	teardrop	airdrop
riverbed	riverbank	riverman	seabed	seedbed
sandstorm	sandhill	sandbag	snowstorm	brainstorm
schoolmate	schoolfriend	schoolday	clubmate	playmate
seawater	seaweed	seashore	rainwater	dishwater
snowball	snowman	snowfall	meatball	eyeball
spaceship	spacecraft	spacesuit	airship	battleship
suncream	sundress	sunstroke	handcream	icecream

Table S8. The filler items in Experiment 2

Filler item	Length	Syllables	Filler item	Length	Syllables
artlift	7	2	skincare	8	2
birdplan	8	2	taxifare	8	3
carpaper	8	3	testtube	8	2
cashface	8	2	texttype	8	2
countrybook	11	3	timerecord	10	3
familyword	10	4	trafficlight	12	3
flustove	8	2	artform	7	2
groundcall	10	2	birdegg	7	2
healthrace	10	2	carspeed	8	2
heartculture	12	3	cashbox	7	2
jobsound	8	2	countryhouse	12	3
junkname	8	2	familyalbum	11	5
lawhat	6	2	fluvirus	8	3
marketgame	10	3	groundfloor	11	2
metallife	9	2	healthclub	10	2
roadrate	8	2	heartbeat	9	2
roseglass	9	2	joboffer	8	3
servicecup	10	3	junkmail	8	2
skingate	8	2	lawmaker	8	3
taxifence	9	3	marketstudy	11	4
testwall	8	2	metalbar	8	2
textdoor	8	2	roadtax	7	2
timenews	8	2	rosescent	9	2
trafficcake	11	3	servicerule	11	3
artroom	7	2	skintouch	9	2
birdcage	8	2	taxidriver	10	4
carshow	7	2	testscore	9	2
cashflow	8	2	textfile	8	2
countrymusic	12	4	timecontrol	11	3
familydoctor	12	5	trafficrole	11	3
flupills	8	2	skilift	7	2
groundwater	11	3	dietplan	8	2
healthissue	11	3	toiletpaper	11	4
heartmonitor	12	4	rockface	8	2
jobtitle	8	2	travelbook	10	2
junkyard	8	2	password	8	2
lawfirm	7	2	breadstove	10	2
marketprice	11	3	alarmcall	9	3
metalframe	10	2	relayrace	9	3
roadsign	8	2	youthculture	12	3
rosebush	8	2	vowelsound	10	2

servicearea	11	4	brandname	9	2
sunhat	6	2	woodstove	9	2
teamgame	8	2	phonecall	9	2
humanlife	9	3	horserace	9	2
deathrate	9	2	danceculture	12	3
fibreglass	10	3	pianosound	10	3
coffeecup	9	3	penname	7	2
exitgate	8	3	woolhat	7	2
gardenfence	11	3	cardgame	8	2
gardenwall	10	3	futurelife	10	3
fridgedoor	10	2	growthrate	10	2
businessnews	12	3	wineglass	9	2
birthdaycake	12	3	plasticcup	10	3
chairlift	9	2	irongate	8	3
streetplan	10	2	stonefence	10	2
wastepaper	10	3	stonewall	9	2
northface	9	2	frontdoor	8	2
paperbook	9	3	onlinenews	10	3
keyword	7	2	fruitcake	9	2

Table S9. Targets and primes of the filler items in Experiment 2

Target	Primes			
	SM	SM	SH	SH
artlift	artroom	artform	skilift	chairlift
birdplan	birdcage	birdegg	dietplan	streetplan
carpaper	carshow	carspeed	toiletpaper	wastepaper
cashface	cashflow	cashbox	rockface	northface
countrybook	countrymusic	countryhouse	travelbook	paperbook
familyword	familydoctor	familyalbum	password	keyword
flustove	flupills	fluvirus	breadstove	woodstove
groundcall	groundwater	groundfloor	alarmcall	phonecall
healthrace	healthissue	healthclub	relayrace	horserace
heartculture	heartmonitor	heartbeat	youthculture	danceculture
jobsound	jobtitle	joboffer	vowelsound	pianosound
junkname	junkyard	junkmail	brandname	penname
lawhat	lawfirm	lawmaker	sunhat	woolhat
marketgame	marketprice	marketstudy	teamgame	cardgame
metallife	metalframe	metalbar	humanlife	futurelife
roadrate	roadsign	roadtax	deathrate	growthrate
roseglass	rosebush	rosescent	fibreglass	wineglass
servicecup	servicearea	servicerule	coffeecup	plasticcup
skingate	skincare	skintouch	exitgate	irongate
taxifence	taxifare	taxidriver	gardenfence	stonefence
testwall	testtube	testscore	gardenwall	stonewall
textdoor	texttype	textfile	fridgedoor	frontdoor
timenews	timerecord	timecontrol	businessnews	onlinenews
trafficking	traffilight	trafficrole	birthdaycake	fruitcake

Table S10. The stimulus lists of Experiment 2

List1		List2		List3		List4	
Prime	Target	Prime	Target	Prime	Target	Prime	Target
backdoor	backyard	timerecord	timenews	daylight	firelight	gaslight	gaslamp
brushwork	needlework	birdegg	birdplan	treehouse	farmhouse	airship	spaceship
gasmask	gaslamp	breadstove	flustove	sunstroke	suncream	footpath	footwear
birdcage	birdplan	sandhill	sandstorm	phonecall	groundcall	snowstorm	sandstorm
artroom	artlift	farmland	farmhouse	horserace	healthrace	rosescent	roseglass
stonefence	taxifence	countryhouse	countrybook	nightwear	footwear	gardenwall	testwall
birthmark	landmark	snowman	snowball	lunchtime	bedtime	daytime	bedtime
teardrop	raindrop	leatherjacket	lifejacket	penname	junkname	chairlift	artlift
bookcase	bookstore	brandname	junkname	farmyard	backyard	lawmaker	lawhat
stonewall	testwall	spacecraft	spaceship	seashore	seawater	jobtitle	jobsound
deathrate	roadrate	growthrate	roadrate	timecontrol	timenews	hairdresser	hairbrush
dishwater	seawater	familyalbum	familyword	headlamp	gaslamp	motorway	motorboat
farmworker	farmhouse	artform	artlift	footprint	fingerprint	riverwater	seawater
groundfloor	groundcall	schoolfriend	schoolmate	spacesuit	spaceship	riverside	riverbed
eyeball	snowball	skincare	skingate	walkway	airway	junkyard	junkname
fingermark	fingerprint	backpack	backyard	riverbank	riverbed	fridgedoor	textdoor
steamboat	motorboat	bookkeeper	bookstore	danceculture	heartculture	healthissue	healthrace
brainstorm	sandstorm	alarmcall	groundcall	landfall	landmark	flupills	flustove
irongate	skingate	seedbed	riverbed	lawfirm	lawhat	brickyard	backyard
playmate	schoolmate	bookmark	landmark	skintouch	skingate	playhouse	farmhouse
seabed	riverbed	cashbox	cashface	schoolday	schoolmate	wastepaper	carpaper
teamgame	marketgame	moonlight	firelight	rosebush	roseglass	heartmonitor	heartculture
cashflow	cashface	oillamp	gaslamp	milkman	gunman	landlord	landmark
familydoctor	familyword	sundress	suncream	drugstore	bookstore	clubmate	schoolmate
healthclub	healthrace	taxifare	taxifence	skilift	artlift	gardenfence	taxifence
bedclothes	bedtime	carspeed	carpaper	motorbike	motorboat	servicerule	servicecup
foothill	footwear	cookware	houseware	silverware	houseware	exitgate	skingate
sunhat	lawhat	schoolwork	needlework	taxidriver	taxifence	streetplan	birdplan
houseroom	houseware	trafficlight	trafficcake	sandbag	sandstorm	raincoat	raindrop
onlinenews	timenews	airmail	airway	lifebelt	lifejacket	newsprint	fingerprint
humanlife	metallife	futurelife	metallife	servicearea	servicecup	groundwater	groundcall
fireball	firelight	texttype	textdoor	testscore	testwall	metalbar	metallife
junkmail	junkname	relayrace	healthrace	password	familyword	meatball	snowball
heartbeat	heartculture	woolhat	lawhat	rainfall	raindrop	gunfight	gunman
icecream	suncream	plasticcup	servicecup	woodstove	flustove	handcream	suncream
gunfire	gunman	vowelsound	jobsound	trafficrole	trafficcake	keyword	familyword
coffeecup	servicecup	bedside	bedtime	dietplan	birdplan	firecracker	firelight
frontdoor	textdoor	airdrop	raindrop	roadsign	roadrate	birthdaycake	trafficcake
fluvirus	flustove	youthculture	heartculture	toiletpaper	carpaper	northface	cashface
joboffer	jobsound	testtube	testwall	metalframe	metallife	paperbook	countrybook

List1		List2		List3		List4	
prime	target	prime	target	prime	target	prime	target
fibreglass	roseglass	swimwear	footwear	textfile	textdoor	needlepoint	needlework
airfield	airway	riverboat	motorboat	rockface	cashface	chainstore	bookstore
hairstyle	hairbrush	seaweed	seawater	travelbook	countrybook	pathway	airway
carshow	carpaper	boatman	gunman	airbrush	hairbrush	marketstudy	marketgame
battleship	spaceship	wineglass	roseglass	needlecraft	needlework	roadtax	roadrate
dustjacket	lifejacket	fingertip	fingerprint	pianosound	jobsound	businessnews	timenews
countrymusic	countrybook	toothbrush	hairbrush	marketprice	marketgame	lifecycle	lifejacket
fruitcake	trafficking	cardgame	marketgame	snowfall	snowball	housecoat	houseware