

## Appendix

### Material: Vocabulary

We used a subset of 75 items from van den Broek, Segers, Takashima, & Verhoeven (2014) and they were randomly assigned to one of the three sessions:

<b>Swahili</b>	<b>English</b>
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adhama	honor
jicho	eye
pombe	beer
adui	enemy
jioni	evening
rafiki	friend
afisi	office
jiwe	stone
rangi	color
ajabu	wonder
kamba	rope
roho	soul
anga	sky
kanisa	church
saduku	box
askari	police
kaputula	pants
samaki	fish
baba	father
karamu	party
sauti	voice
bahari	sea

kazi	work
shukuru	thanks
barua	letter
keja	house
siri	secret
basi	bus
kichwa	head
skati	skirt
baskeli	bike
kijana	boy
tabibu	doctor
bibi	grandmother
kioo	mirror
tofaa	apple
bustani	garden
kisu	knife
tumaini	hope
chakula	food
kitanda	bed
tumbili	monkey
chama	society
kiti	chair
tunda	fruit
chanjo	scissors
kofia	hat
ufu	death

chapati	bread
kuku	chicken
ujuzi	knowledge
chungu	pot
lango	door
wakati	alarm
degaga	glasses
likizo	holidays
wimbo	song
dhoruba	storm
limau	lemon
wingu	cloud
duara	wheel
lugha	language
dubu	bear
maji	ice
duka	shop
maliki	king
dunia	world
maslahi	interest
elimu	science
maumiva	pain
farasi	horse
maziwa	milk
fasihi	book
mbwa	dog

flava      music

### **Material: Flags**

This is the list of the 25 countries whose flags were used in the experiment:

1. Bahamas
2. Barbados
3. Botswana
4. Cameroon
5. Congo
6. Costa Rica
7. Ecuador
8. Estonia
9. Gambia
10. Kenya
11. Libya
12. Madagascar
13. Malawi
14. Moldova
15. Myanmar
16. Namibia
17. Nigeria
18. Oman
19. Panama
20. Rwanda
21. Senegal
22. Sierra Leone
23. Syria

24. Tanzania

25. Togo

**Material: Maps with US cities**

This is the full list of city names, the state they are in, and their GPS coordinates:

<b>City Name</b>	<b>State</b>	<b>Latitude</b>	<b>Longitude</b>
Bellefonte	PA	40.92396	-77.77816
Rutland	VT	43.61328	-72.9737
Holly Springs	NC	35.65109	-78.83353
Chiefland	FL	29.47719	-82.85933
Wedowee	AL	33.3098	-85.48369
Slaton	TX	33.43825	-101.64458
Leitchfield	KY	37.4846	-86.29256
Rosemount	MI	44.73936	-93.12623
Paonia	CO	38.86905	-107.58973
Whiteriver	AZ	33.83556	-109.96278
Cantif	CA	35.30861	-117.967
Oakdale	LA	30.81521	-92.66
Rexburg	ID	43.83273	-111.7817
Miles City	MT	46.40964	-105.84359
Emmett	ID	43.87235	-116.50582
Gering	NE	41.82577	-103.65731
Salina	KS	38.82707	-97.60934
Paragould	AR	36.06041	-90.49569
Kirksville	MO	40.18956	-92.58309
Minot	ND	48.22302	-101.29525
Cedar City	UT	37.67316	-113.0671

Fallon	NV	39.47669	-118.78137
Yreka	CA	41.73053	-122.63757
Bethel	OR	47.49372	-122.63036
Kalispell	MO	48.20014	-114.31559
Medina	TX	29.79917	-99.24785
Durand	MI	42.91193	-83.98518
Guthrie	OK	35.87765	-97.42489
Deming	NM	32.26478	-107.75753
Huron	SD	44.36584	-98.21316

### **Material: Bio-Psychology Facts**

This is the full list of facts/definitions taken from Kalat (2012):

<b>Word</b>	<b>Definition</b>
ablation	removal of a brain area, generally with a surgical knife
adaptation	decreased response to a stimulus as a result of recent exposure to it
aerobic	requiring the use of oxygen during movements
agonist	a drug that mimics or increases the effects of a neurotransmitter
aldosterone	adrenal hormone that causes the body to retain salt
allostasis	the adaptive way in which the body changes its set points depending on the situation
amphetamine	a drug that blocks re-uptake of dopamine and other neurotransmitters
amplitude	the intensity of a sound wave
anomia	difficulty recalling the names of objects
antagonist	a drug that blocks a neurotransmitter
aphasia	language impairment
apoptosis	a programmed mechanism of cell death
axon	thin fiber of constant diameter; the neuron's information sender

brainstem	the medulla, pons, midbrain, and central structure of the forebrain
cocaine	a drug that blocks the re-uptake of dopamine
cortisol	hormone secreted by the adrenal cortex that elevates blood sugar and enhances metabolism
dendrites	branching of fibers from a neuron that receive information from other neurons
dermatome	area of the body connected to a particular spinal nerve
dualism	belief that the mind and the body are different kinds of substances that exist independently
fovea	a tiny area of the retina specialized for acute, detailed vision
hallucinations	false sensory experiences
homeostasis	tendency to maintain a variable, such as temperature, within a fixed range
insulin	pancreatic hormone that enables glucose to enter the cells
leptin	peptide produced by the body's fat cells
lithium	element whose salts are often used as therapy for bipolar disorder
masking	use of one stimulus to block perception of another
placebo	a drug or other procedure with no pharmacological effects
primates	order of mammals that includes monkeys, apes, and humans
thalamus	a pair of structures in the center of the forebrain
vasopressin	hormone released by posterior pituitary; raises blood pressure and enables kidneys to conserve water