Item number	English Item	Estimate of age of acquisition[1]	Mandarin Item	Spanish Item
1	hand	2.7	手	mano
2	jeans	5.3	牛仔裤	jeans
3	crayon	3.2	蜡笔	crayon
4	key	3.6	钥匙	llave
5	juice	4.4	果汁	jugo
6	cucumber	5.7	黄瓜	pepino
7	strawberry	4.2	草莓	fresa
8	fly	3.1	苍蝇	mosca
9	piano	5.5	钢琴	piano
10	skirt	5.7	裙子	falda
11	cracker	4.9	饼干	galleta salada
12	apple	4.2	苹果	manzana
13	teacher	4.6	老师	maestra
14	hammer	5.4	锤子	martillo
15	caterpillar	5.2	毛毛虫	oruga
16	table	4.4	桌子	mesa
17	grape	3.9	葡萄	uva
18	circle	3.7	圆形	circulo
19	sandals	5.2	凉鞋	sandalias
20	computer	9.7	计算机	computadora
21	beef	6.6	牛肉	carne de vaca
22	purple	3.6	紫色	morada
23	pajamas	4.3	睡衣	pijamas

Table S1. Stimuli used in the category association task.

[1]Age of acquisition is an estimate from native English speakers obtained from Kuperman, Stadthagen-Gonzalez, & Brysbaert (2012).

Reference

Kuperman, V., Stadthagen-Gonzalez, H., & Brysbaert, M. (2012). Age-of-acquisition ratings for 30,000 English words. *Behavior Research Methods, 44*(4), 978–990. https://doi.org/10.3758/s13428-012-0210-4

Item number	English Item	Estimate of age of acquisition[1]	Mandarin Item	Spanish Item
1	foot	3.4	脚	pie
2	shorts	4.0	短裤	shorts
3	pencil	4.1	铅笔	lápiz
4	comb	5.5	梳子	peine
5	water	2.4	水	agua
6	pumpkin	4.8	南瓜	calabaza
7	blueberry	6.2	蓝莓	arándano
8	mosquito	6.1	蚊子	mosquito
9	violin	7.5	小提琴	violín
10	coat	3.6	外套	abrigo
11	noodles	5.3	面条	fideos
12	mango	8.2	芒果	un mango
13	doctor	4.6	医生	doctor
14	axe	6.1	斧头/斧子	hacha
15	ladybug	4.8	瓢虫	mariquita
16	chair	3.4	椅子	silla
17	orange	3.3	橙子	naranja
18	triangle	4.9	三角形	triángulo
19	sneakers	6.3	球鞋	zapatilla
20	TV	3.5	电视机	televisión
21	pork	5.6	猪肉	puerco
22	green	3.8	绿色	verde
23	sweater	5.2	毛衣	suéter

Table S2. Stimuli used in the contrast association task.

[1]Age of acquisition is an estimate from native English speakers obtained from Kuperman, Stadthagen-Gonzalez, & Brysbaert (2012).

Reference

Kuperman, V., Stadthagen-Gonzalez, H., & Brysbaert, M. (2012). Age-of-acquisition ratings for 30,000 English words. *Behavior Research Methods, 44*(4), 978–990. https://doi.org/10.3758/s13428-012-0210-4