

**Supplemental Material S2.** Signs and gestures produced by participants (complementary and supplementary).

Participant ID	Signs/gestures produced	Description
6	FIVE	noun
7	YES	interjection
	YES	interjection
8	gesture: saw	noun/verb*
	gesture: slow	adjective
	point: nose	noun
9	FALL	noun
	fingerspelling: RIPPING	verb
	gesture: arrow	noun
	gesture: diamond	noun
	gesture: hitter/thrower	noun
	gesture: plate	noun
	gesture: rectangle	noun
	gesture: saw	noun/verb
	GIRAFFE	noun
	HERE FOR TWO MONTHS	adverbial phrase
	MY SISTER JOIN	sentence
	PENGUIN	noun
	point: elbow	noun
	point: wrist	noun
	SPRING	noun
	SUMMER	noun
	WINTER	noun
10	BATHROOM	noun
11	CHAIR	noun
	EAT	verb
	EGG	noun
	gesture: circle	noun
	gesture: kangaroo	noun
	gesture: rectangle	noun
	gesture: guitar	noun
	OPEN	verb
	point: chin	noun
12	ROCK	noun
	WHITE	adjective
13	gesture: bird	noun
	gesture: drums	noun/verb
13	APPLE	noun
	BANANA	noun

14	CHAIR	noun
	gesture: circle	noun
	FATHER	noun
	FIVE	noun
15	LEAF	noun
	gesture: guitar	noun
	gesture: horse	noun
	gesture: sad	adjective
	gesture: skunk	noun
	LEAF	noun
16	SWIM	verb
	BROWN	adjective
	BROWN	adjective
	CHICKEN	noun
	CHICKEN	noun
	DEER	noun
	DOG	noun
	EAT	verb
	FOUR	noun
	FOX	noun
	gesture: basket	noun
	gesture: drawing	verb
	gesture: drums	noun/verb
	gesture: zipper	noun
	GREEN	adjective
	LION	noun
	MONKEY	noun
	ORANGE	adjective
	PIG	noun
	point: ear	noun
	point: elbow	noun
	point: hair	noun
	point: neck	noun
	point: nose	noun
	point: nose	noun
	PURPLE	adjective
	RED	adjective
	THREE	noun
	TREE	noun
	TWO	noun
17	BOOK	noun
	BROWN	adjective
	CUT	verb
	EAT	verb

18	FLOWER	noun
	gesture: glasses	noun
	point: ear	noun
	point: nose	noun
	TWO	noun
	BIG	adjective
	BIKE	noun
	BIKE	noun
	DON'T-KNOW	verb
	DRIVE HOME	verb phrase
	ELEPHANT	noun
	HOME	noun
	ONE	noun
	ONE	noun
	ONE	noun
	point: camera	noun
	point: ear	noun
	point: nose	noun
19	AIRPLANE	noun
	APPLE	noun
	BANANA	noun
	BIRD	noun
	BOOK	noun
	BROTHER	noun
	CAMERA	noun
	CHAIR	noun
	DEER	noun
	DUCK	noun
	EAT	verb
	ELEPHANT	noun
	FLOWER	noun
	gesture: dig	verb
	gesture: dig	verb
	gesture: drums	noun/verb
	gesture: helicopter	noun
	gesture: here	adverb
	gesture: key	noun
	gesture: neck	noun
	gesture: necklace	noun
	gesture: square	noun
	gesture: zipper	noun
	HORSE	noun
	MONKEY	noun
	PENGUIN	noun

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PINK	adjective
point: button	noun
point: ear	noun
point: elbow	noun
point: hair	noun
point: knee	noun
point: nose	noun
point: shirt	noun
RAINBOW	noun
SHOE	noun
SQUIRREL	noun
TURTLE	noun

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*\*Note.* It may be difficult to tell the difference between a noun and a verb for some signs and gestures. An example of this is when the child makes a gesture that looks like an action, e.g., a sawing motion could represent a saw (a noun) or the act of sawing (a verb).