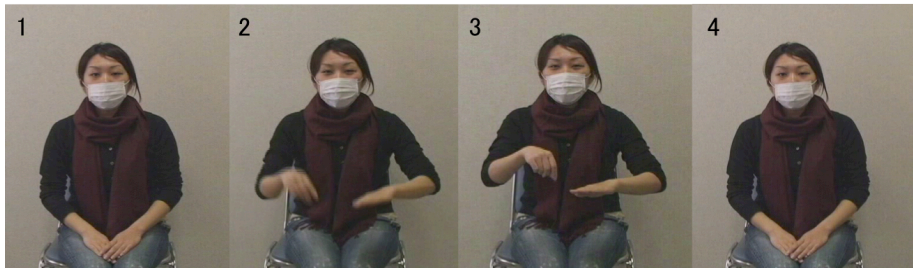


Gestures and speech in the stimulus video clips and the description of each response choices. An example of a stimulus gesture for each action, and the four photographs as response choices shown (upper left, verbal only match; upper right, gesture only match; bottom right, unrelated foil; bottom left, integration match).

Action: Writing

Speech part: (One is) Writing (“kaite imasu”)

Gesture part: a gesture depicting somebody writing a letter on a desk by using a pen with her right hand and holding a sheet of paper with her left hand.



Action: Throwing

Speech part: (One is) Throwing (“Nagete imasu”)

Gesture part: a gesture depicting somebody throwing a basketball-size ball from her chest with both hands, as in a so-called chest pass in a basketball (see Fig. 1 and 2).

Action: Riding

Speech part: (One is) Riding (“Notte imasu”)

Gesture part: a gesture depicting somebody riding a bicycle by making fists, as if holding the handlebars, with both hands (the lower body not shown).



Action: Reading

Speech part: (One is) Reading (“Yonde imasu”)

Gesture part: a gesture depicting somebody reading a book by holding it vertically with both hands.



Action: Drinking

Speech part: (One is) Drinking (“Nonde imasu”)

Gesture part: a gesture depicting somebody drinking something from a glass by holding it with her hand.







Action: Eating

Speech part: (One is) Eating (“Tabete imasu”)

Gesture part: a gesture depicting someone eating something with a fork.





Action: Opening

Speech part: (One is) Opening (“Akete imasu”)

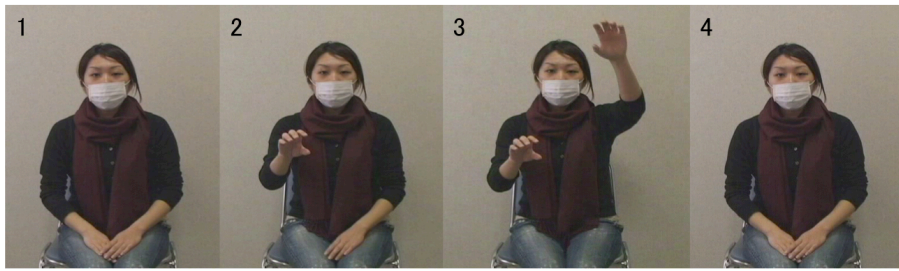
Gesture part: a gesture depicting someone opening a door by pushing with her right hand holding an imaginary doorknob.



Action: Clibming

Speech part: (One is) Climbing (“Nobotte imasu”)

Gesture part: a gesture depicting someone climbing a ladder with two hands on imaginary rungs (the lower body not shown)



### Description of each response choices

Target action	Gesture only match	Verbal only match	Integration match	Unrelated foil
Writing <sup>1</sup>	Eating noodle	Drawing a picture on vertical surface	Writing letters on horizontal surface	Pouring hot water into a tea pot
Riding	Pushing a shopping cart	Sitting on a swing	Riding a bicycle	Cutting a vegetable
Reading	Driving a car	Reading a newspaper	Reading a book	Walking outside
Drinking	Singing with a	Drinking from a	Drinking from a	Running outside

	microphone	teacup	tall glass	
Eating	Brushing teeth	Eating an apple	Eating spaghetti with a fork	Telephoning
Opening	Passing a present to someone	Opening a box	Opening a door	Typing on a keyboard
Climbing <sup>2</sup>	Taking out a book	Going up stairs	Climbing up a ladder	Cutting a paper

---

1 In Japanese, *Painting* and *Writing* are expressed with the same verb "Kaku".

2 *Climbing* and *Going up* are expressed with the same verb, "Noboru".