Supplemental S1

Table 1: Demographic information on participants with typical development (TD) whose data were included in the current study.

|  |  |
| --- | --- |
| variable | means and standard deviations (sd) |
| age in months | mean = 63.00, sd = 8.13, (min = 52, max = 83) |
| biological sex | females = 13, males = 11 |
| maternal education, years of schooling | mean = 16.50, sd = 1.74, (min = 13, max = 20) |
| WPPSI-IV, block design scaled score | mean = 10.33, sd = 2.35, (min = 7, max = 19) |
| WPPSI-IV, matrix reasoning scaled score | mean = 10.96, sd = 2.26, (min = 7, max = 16) |
| PPVT-4, standardized score | mean =108.21, sd = 12.46, (min = 83, max = 138) |

Table 2: Protocol during each training session.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Block | Task | Objects | Script | Feedback |
| Testing Block 1 | Free Recall Naming Test | All objects | What is this one called? | None |
| Training Block 1 | Explicit Labeling | Only objects that were not named correctly during Testing Block 1. | This is a /bɪnɪp/*.* You say /bɪnɪp/*.* | None |
| Training Block 2 | 2AFC  Dot Task | Only objects that were not named correctly during Testing Block 1. | Is this one a /bɪnɪp/or a /mep/? | Correct = “Yes that’s right this is a /bɪnɪp/.*”*  Incorrect = “Actually this is called a /bɪnɪp/.*”*  Incorrect/close = “That’s really close, but this one is a /bɪnɪp/.” |
| Training Block 3 | 2AFC  Dot Task | Only objects that were not named correctly during Testing Block 1. | Is this one a /gramɚ/or a /bɪnɪp/? | The same as Training Block 2. |
| Testing Block 2 | 4AFC dot Task | All objects | Is this one a /bɪnɪp/*,* a /bɪnɪg/*,* a /dob/*,* or a /dof/? | The same as Training Block 2. |
| Testing Block 3 | Free/Cued Recall Naming Test | All objects | What is this one called? It starts with /bɪ/…. | The same as Training Block 2. |

Table 3: Protocol during one-month and retest sessions. Protocol for both is the same.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Block | Task | Objects | Script | Feedback |
| Testing Block 1 | Free/Cued Recall Naming Test | All objects | What is this one called? It starts with /bɪ/…. | None |
| Testing Block 2 | 4AFC Dot Task | All objects | Is this one a /bɪnɪp/*,* a /bɪnɪg/*,* a /dob/*,* or a /dof/? | None |
| Testing Block 3 | Free/Cued Recall Naming Test | All objects | What is this one called? It starts with /bɪ/…. | Correct = “Yes that’s right this is a /bɪnɪp/.*”*  Incorrect = “Actually this is called a /bɪnɪp/.*”*  Incorrect/close = “That’s really close, but this one is a /bɪnɪp/.” |