

Supplemental Material S3. Administration time and stimuli for word-learning tasks.

Item	Approximate administration time (subject to individual variation and inclusive of warm-up)
Nonword repetition task	~5 minutes
Fast mapping task	~10 minutes (included 5 min break between referent selection and retention)
Cross-situational word learning task	~10 – 15 minutes (included 5 min break between training and testing trials)

Stimuli used for nonword repetition task (PSRep Test, Chiat and Roy, 2007)

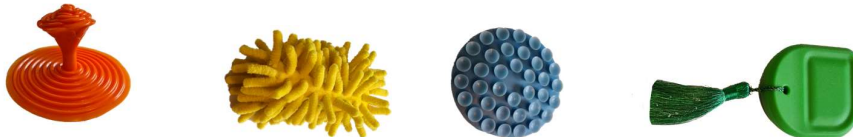
All stimuli for this task can be found in the Appendix of Chiat, S., & Roy, P. (2007). The Preschool Repetition Test: An Evaluation of Performance in Typically Developing and Clinically Referred Children. *Journal of Speech, Language, and Hearing Research*, 50(2), 429–443. [https://doi.org/10.1044/1092-4388\(2007/030\)](https://doi.org/10.1044/1092-4388(2007/030))

Stimuli for fast mapping task

Familiar objects (all toys, none live)

1. Frog
2. Grapes
3. Tomato
4. Cup
5. Car
6. Spoon
7. Knife
8. Fish

Unfamiliar objects



Labels (Horst & Hout, 2016)

1. Dax
2. Wug
3. Yok
4. Lep

Stimuli used for cross-situational word-learning task

Stimuli



Labels (Horst & Hout, 2016)

1. Blicket
2. Teebu
3. Fiffin
4. Verdex

References

- Chiat, S., & Roy, P. (2007). The Preschool Repetition Test: An Evaluation of Performance in Typically Developing and Clinically Referred Children. *Journal of Speech, Language, and Hearing Research*, 50(2), 429–443. [https://doi.org/10.1044/1092-4388\(2007/030\)](https://doi.org/10.1044/1092-4388(2007/030))
- Hartley, C., Bird, L.-A., & Monaghan, P. (2019). Investigating the relationship between fast mapping, retention, and generalisation of words in children with autism spectrum disorder and typical development. *Cognition*, 187, 126–138. <https://doi.org/10.1016/j.cognition.2019.03.001>
- Hartley, C., Bird, L.-A., & Monaghan, P. (2020). Comparing cross-situational word learning, retention, and generalisation in children with autism and typical development. *Cognition*, 200, 104265. <https://doi.org/10.1016/j.cognition.2020.104265>
- Horst, J. S., & Hout, M. C. (2016). The Novel Object and Unusual Name (NOUN) Database: A collection of novel images for use in experimental research. *Behavior Research Methods*, 48(4), 1393–1409. <https://doi.org/10.3758/s13428-015-0647-3>