

April 30, 2026

Cognitive, Linguistic, and Lexical Repertoires

Every individual has unique and constantly changing cognitive, linguistic, and lexical repertoires consisting of what they learned from interactions with the information environments they have been exposed to.^{1 2 3 4} These memories both enable and constrain how we interpret and respond to events and challenges in our lives.^{5 6 7 8 9 10}

Cognitive repertoires consist of our knowledge, skills, beliefs, and response strategies,^{11 12} linguistic repertoires consist of our intuitive and formal knowledge of various languages,^{13 14 15} and our lexical repertoire is the stock of words and other symbolic signs we can use to encode a message.^{16 17 18 19}

¹ 'Information seeking from media and family/friends increases the likelihood of engaging in healthy lifestyle behaviors' by A SUSANA RAMÍREZ ¹, DEREK FRERES ², LOURDES S MARTINEZ ³, NEHAMA LEWIS ⁴, ANGEL BOURGOIN ⁵, BRIDGET J KELLY ⁶, CHUL-JOO LEE. *J Health Commun.* 2013;18(5):527-42. doi: 10.1080/10810730.2012.743632. Epub 2013. Accessed online March 15, 2026, at: <https://pmc.ncbi.nlm.nih.gov/articles/PMC4254799/>

² 'The Dynamics of Information-Seeking Repertoires: A Cross-Sectional Latent Class Analysis of Information-Seeking During the COVID-19 Pandemic' by Sofia Johansson, Bengt Johansson and Johannes Johansson. *Mass Communication and Society*, 27(4), 599–626. <https://doi.org/10.1080/15205436.2023.2258863> Accessed online March, 15, 2026 at: <https://www.tandfonline.com/doi/full/10.1080/15205436.2023.2258863#d1e489>

³ 'The Information Environment and Its Influence on Misinformation Effects' by Claire Wardle and Abdel Halim Abd Allah. May 10, 2023. Chapter 3 in *Managing Infodemics in the 21st Century: Addressing New Public Health Challenges in the Information Ecosystem [Internet]* edited by Tina D. Purnat, Tim Nguyen, and Sylvie Briand. Cham (CH): Springer; 2023. Chapter 4. Available online at: <https://www.ncbi.nlm.nih.gov/books/NBK609027/> doi: 10.1007/978-3-031-27789-4_4

⁴ 'The Memory Paradox: Why Our Brains Need Knowledge in an Age of AI' by Barbara Oakley, Michael Johnston, Ken-Zen Chen, Eulho Jung, and Terrence Sejnowski. In *The Artificial Intelligence Revolution: Challenges and Opportunities* (Springer Nature, forthcoming) [Accessed online March 25, 2026 at: [https://papers.cnl.salk.edu/PDFs/Memory Paradox_ Why Our Brains Need Knowledge in an Age of AI 2025-4676.pdf#:~:text=Cognitive Offloading: Reducing cognitive load by relying,the development of robust, flexible memory networks.](https://papers.cnl.salk.edu/PDFs/Memory%20Paradox_Why%20Our%20Brains%20Need%20Knowledge%20in%20an%20Age%20of%20AI%202025-4676.pdf#:~:text=Cognitive%20Offloading:Reducing%20cognitive%20load%20by%20relying,the%20development%20of%20robust,%20flexible%20memory%20networks.)

⁵ Beyond languages beyond modalities transforming the study of semiotic repertoires.pdf, page 228/3

⁶ *Edspeak : a glossary of education terms, phrases, buzzwords, and jargon* by Diane Ravitch. c2007; Alexandria, VA : Association for Supervision and Curriculum Development.

⁷ 'Expanding the Notion of the Linguistic Repertoire: On the Concept of Spracherleben—The Lived Experience of Language' by Brigitta Busch. *Applied Linguistics*, Volume 38, Issue 3, June 2017, Pages 340–358, <https://doi.org/10.1093/applin/amv030>.

⁸ 'Linguistic and Social Interaction in Two Communities' by John J. Gumperz. *American Anthropologist*, 1964 Volume 66, 137-153}. <https://api.semanticscholar.org/CorpusID:161081762>.

⁹ 'Materialising semiotic repertoires: challenges in the interactional analysis of multilingual communication' by Suresh Canagarajah. *International Journal of Multilingualism*, 18(2), 206–225. <https://doi.org/10.1080/14790718.2021.1877293>

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- ¹⁴ ‘Proposing a linguistic repertoires perspective in multilingual higher education contexts’ by Melike Bulut Albaba. *Journal of Learning Development in Higher Education*. Issue 36 June 2025. Accessed online March 24, 2026 at: <https://journal.aldinhe.ac.uk/index.php/jldhe/article/download/1542/1123/13891>
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- ¹⁶ ‘Depth versus Breadth of Lexical Repertoire: Assessing Their Roles in EFL Students’ Incidental Vocabulary Acquisition’ by Seyed Jafar Ehsanzadeh. *TESL Canada Journal*, 29(2), 24. <https://doi.org/10.18806/tesl.v29i2.1098>
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