

**“Neuroscience Research and Giftedness:
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Resources and References to Accompany Video Presentation

Websites

- Annenberg Learner site: Neuroscience and the Classroom - <https://www.learner.org/series/neuroscience-in-the-classroom/>
- Centre for Educational Neuroscience (UK) - <http://www.educationalneuroscience.org.uk/>
- EARLI SIG 22 - Neuroscience and Education - <https://www.sig22neuroeducation.com/>
- Edutopia - <https://www.edutopia.org/article/brain-based-learning-resources>
- International Mind, Brain, and Education Society - <https://www.imbes.org/>
- Iowa Neuroscience Institute - <https://medicine.uiowa.edu/iowaneuroscience/> (in collaboration with the Belin-Blank Center, <https://belinblank.education.uiowa.edu/research/summit.aspx>)
- Neuroscience for Kids - <http://faculty.washington.edu/chudler/neurok.html>
- Society for Neuroscience - <http://www.brainfacts.org/for-educators>
- Society for the Neuroscience of Creativity - <https://www.tsfn.org/>

Publications

- Basten, U., Hilger, K., & Fiebach, C. J. (2015, July–August). Where smart brains are different: A quantitative meta-analysis of functional and structural brain imaging studies on intelligence. *Intelligence*, 51, 10–27. <https://doi.org/10.1016/j.intell.2015.04.009>
- Kalbfleisch, M. L. (2008). The cognitive neuroscience of giftedness [Special issue]. *Roeper Review*, 30(3). <https://www.tandfonline.com/toc/uror20/30/3>
- Miller, E. M., & Clinkenbeard, P. R. (2020). Mind, brain, and the education of gifted children. In J. A. Plucker & C. M. Callahan (Eds.), *Critical issues and practices in gifted education: A survey of current research on giftedness and talent development* (3rd ed.). National Association for Gifted Children and Prufrock Academic Press.
- Miller, E. M., & Clinkenbeard, P. R. (2021). Using neuroscience research to guide your parenting: Finding the signal and ignoring the noise. *Parenting for High Potential*, 10(2), 19–23, 27.
- National Geographic. (2017, August 24). *Brain 101* [Video]. YouTube. <https://www.youtube.com/watch?v=pRFXSjpkKWA>
- National Institutes of Health. (n.d.). *Brain basics: Know your brain*. <https://www.ninds.nih.gov/Disorders/Patient-Caregiver-Education/Know-Your-Brain>
- Rogers, C., & Thomas, M. S. C. (2023) *Educational neuroscience: The basics*. Routledge.