



LEAP Guidebook for Differentiating Instruction for Gifted and High-Potential Students

Helpful Resources for Effective

Concepts and Research

- Baum, S. M., Cooper, C. R., & Neu, T. W. (2001). Dual differentiation: An approach for meeting the curricular needs of gifted students with learning disabilities. *Psychology in the Schools*, 38(5), 477–490.
- Davis, J. L., Floyd, E. F., & Roberson, J. J. (2020). The four R's: A new framework for teaching diverse learners. *Teaching for High Potential*.
- Gallagher, S. A., & Gallagher, J. J. (2013). Using problem-based learning to explore unseen academic potential. *Interdisciplinary Journal of Problem-Based Learning*, 7(1), 111–131.
- Griesinger, M. (2023). A new approach to flexible grouping. *Edutopia*.
<https://www.edutopia.org/article/new-approach-flexible-grouping-high-school>
- National Association for Gifted Children. (n.d.). *Grouping*. <https://nagc.org/page/grouping>
- National Research Center on the Gifted and Talented. (2013). Three case studies in curriculum compacting. https://nrcgt.uconn.edu/underachievement_study/curriculum-compacting/cc_section7/
- Nicholas, M., Skourdoumbis, A., & Bradbury, O. (2024). Meeting the needs and potentials of high-ability, high-performing, and gifted students via differentiation. *Gifted Child Quarterly*, 68(2), 154–172.
<https://journals.sagepub.com/doi/10.1177/00169862231222225>

Teacher Tools

- Blooms Banks Matrix developed by Donna Y. Ford to merge higher order thinking with culturally responsive instruction: <https://www.drdonnayford.com/resources-galleryPage>
- Differentiation of process with a Prompt Generator utilizing higher order thinking: <https://byrdseed.com/differentiator/>
- Hess' Cognitive Rigor Matrix & Curriculum Examples: https://static.pdesas.org/content/documents/M1-Slide_22_DOK_Hess_Cognitive_Rigor.pdf
- Indiana Department of Education Tiered Curriculum Project (examples of tiered curriculum: <https://www.in.gov/doe/students/indiana-academic-standards/tiered-curriculum-project/>
- Project based learning ideas from PBL Works: <https://my.pblworks.org/projects>
- Using the Compactor to facilitate curriculum compacting: https://nrcgt.uconn.edu/underachievement_study/curriculum-compacting/cc_section3/



Books

- Gallagher, S. A. (2012). *Problem-based learning in your classroom*. Royal Fireworks Press.
- Kaplan, S. N. (2017). Differentiating with depth and complexity. In *Fundamentals of Gifted Education* (pp. 270–278). Routledge.
- Tomlinson, C. A., & Reis, S. M. (Eds.). (2004). *Differentiation for gifted and talented students*. Corwin Press.