RELEVANT RESEARCH

Optimal Learning Environment



Effective, standards-aligned teaching and learning are only possible when an Optimal Learning Environment is in place. In Optimal Learning Environments, instruction addresses the needs of every learner with ever-present attention to equity and continuous academic, social, and emotional growth. Educators prioritize knowing their students, have deep understanding of the content they teach, and collaborate with each other regularly to maximize student success. Download the <u>Optimal Learning Environment Framework</u>.

Bryk, A., Gomez, L., Grunow, A., and LeMahieu, P. (2015). Learning to improve: How America's schools can get better at getting better. Cambridge, MA: Harvard Education Publishing.

Darling-Hammond, L., Flook, L., Cook-Harvey, C., Barron, B., & Osher, D. (2019). Implications for educational practice of the science of learning and development. Applied Developmental Science 24(2), 97-140.

Darling-Hammond, L., Cantor, P., Hernández, L. E., Schachner, A., Plasencia, S., Theokas, C., and Tijerina, E. (2021). Design principles for schools: Putting the science of learning and development into action. Available at: https://kl2. designprinciples.org/

Farrington, C. A., Roderick, M., Allensworth, E., Nagaoka, J., Keyes, T. S., Johnson, D. W., & Beechum, N. O. (2012). Teaching adolescents to become learners. The role of noncognitive factors in shaping school performance: A critical literature review. Available at: https://consortium.uchicago.edu/publications/teachingadolescents-become-learners-role-noncognitive-factors-shaping-school

Hammond, Z. (2015). Culturally responsive teaching & the brain. Thousand Oaks, CA: Corwin.

Hammond, Z. (2021). Liberatory education: Integrating the science of learning and culturally responsive practice. American Educator, 45(2), 4-11.

Love, B. L. (2019). We want to do more than survive: Abolitionist teaching and the pursuit of educational freedom. Boston, MA: Beacon Press.

Milligan, K., Zerda, J., & Kania, J. (2022). The relational work of systems change. Stanford Social Innovation Review. Available at: https://ssir.org/articles/entry/the_relational_work_of_systems_change#

Muhammad, G. (2020). Cultivating genius: An equity framework for culturally and historically responsive literacy. New York, NY: Scholastic Inc.

Nagaoka, J., Farrington, C. A., Ehrlich, S. B., & Heath, R. D. (2015). Foundations for young adult success: A developmental framework. Available at: https://consortium.uchicago.edu/publications/foundations-young-adult-successdevelopmental-framework

Nasir, N., Rosebery, A., Warren, B., & Lee, C. (2005). Learning as a cultural process. In R. Sawyer (Ed.), The Cambridge Handbook of the Learning Sciences (Cambridge Handbooks in Psychology, pp. 489-504).

Osher, D., Cantor, P., Berg, J., Steyer, L., & Rose, T. (2020). Drivers of human development: How relationships and context shape learning and development, Applied Developmental Science, 24(1), 6-36.

Shalaby, C. (2017). Troublemakers: Lessons in freedom from young children at school. New York, NY: The New Press.

Stafford-Brizard, K. B. (2016) Building blocks for learning: A framework for comprehensive student development. New York, NY: Turnaround for Children.

Trent, M., Dooley, D. G., & Dougé, J. (2019). The impact of racism on child and adolescent health. Pediatrics, 144(2).

Wacker, C., & Olson, L. (2019). Teacher mindsets: How educators' perspectives shape student success. Washington, DC: FutureEd, Georgetown University