Yoga in the Classroom

The National Center for Complementary and Integrative Health (NCCIH) defines yoga as A mind-and-body practice with historical origins in ancient Indian philosophy. Like other meditative-movement practices used for health purposes, various styles of yoga typically combine physical postures, breathing techniques, and meditation or relaxation.

There is increasing evidence supporting the efficacy of yoga for kids. Research is beginning to document the positive effective yoga has for children including building resiliency skills and developing social emotional skills. Teaching children and youth how to relax, self-regulate, and communicate can promote compassion. Research has shown that yoga can be an effective method for increasing anger management skills and decreasing physical outbursts of violence. Developing these competencies can lead to improvements in student behavior, performance, and overall school climate.

References

- Bergen-Cico, D., Razza, R., & Timmins, A. (2015). Fostering self-regulation through curriculum infusion of mindful yoga: A pilot study of efficacy and feasibility. *Journal of child and family studies*, 24(11), 3448-3461.
- Brandstaetter, H, Yoga generated huge benefits for children with autism. Downloaded April 3, 2018 from https://yogainternational.com/article/view/yoga-generates-huge-benefits-for-children-with-autism.
- Butzer, B., Day, D., Potts, A., Ryan, C., Coulombe, S., Davies, B., & Khalsa, S. B. S. (2015a). Effects of a classroom-based yoga intervention on cortisol and behavior in second-and third-grade students: A pilot study. *Journal of Alternative and Complementary Medicine*, 20(1), 41-49.
- Daly, L. A., Haden, S. C., Hagins, M., Papouchis, N., & Ramirez, P. M. (2015). Yoga and emotion regulation in high school students: a randomized controlled trial. *Evidence-Based Complementary and Alternative Medicine*, 2015.
- Gaesser, A. H. & Karan, O. C. (2017). A randomized controlled comparison of emotional freedom technique and cognitive-behavioral therapy to reduce anxiety: A pilot study. *Journal of Alternative and Complementary Medicine* 23(2) 102-108.
- Khalsa, S. B. S., Hickey-Schultz, L., Cohen, D., Steiner, N., & Cope, S. (2012). Evaluation of the mental health benefits of yoga in a secondary school: a preliminary randomized controlled trial. *The Journal of Behavioral Health Services & Research*, 39(1), 80-90.
- Roman CG, Taylor CJ. A multilevel assessment of school climate, bullying victimization, and physical activity. *Journal of School Health*. 2013; 83: 400-407.
- Schaps, E. (2003). Creating a school community. Educational Leadership: Creating Caring Schools 60(6) 31-33.
- Strawn, J. R., Cotton, S., Luberto, C. M., Patino, L. R., Stahl, L. A., Weber, W. A., & DelBello, M. P. (2016). Neural function before and after mindfulness-based cognitive therapy in anxious adolescents at risk for developing bipolar disorder. *Journal of Child and Adolescent pPsychopharmacology*.
- Wang, D., & Hagins, M. (2016). Perceived benefits of yoga among urban school students: A qualitative analysis. Evidence-Based Complementary and Alternative Medicine, 2016.
- Yook, Y. S., Kang, S. J., & Park, I. (2017). Effects of physical activity intervention combining a new sport and mindfulness yoga on psychological characteristics in adolescents. *International Journal of Sport and Exercise Psychology*, 15(2), 109-117.

Additional Readings

- Butzer, B., Ebert, M., Telles, S., & Khalsa, S. B. S. (2015b). School-based Yoga Programs in the United States: A Survey. *Advances in Mind-Body Medicine*, 29(4), 18–26.
- Butzer, B., Bury, D., Telles, S., & Khalsa, S. B. S. (2016). Implementing yoga within the school curriculum: A scientific rationale for improving social-emotional learning and positive student outcomes. *Journal of Children's Services*, 11(1), 3-24.
- Centeio, E. E., Whalen, L., Thomas, E., Kulik, N., & McCaughtry, N. (2017). Using Yoga to Reduce Stress and Bullying Behaviors among Urban Youth. *Health*, *9*(03), 409.
- Dariotis, J. K., Cluxton-Keller, F., Mirabal-Beltran, R., Gould, L. F., Greenberg, M. T., & Mendelson, T. (2016). "The Program Affects Me'Cause it Gives Away Stress": Urban Students' Qualitative Perspectives on Stress and a School-Based Mindful Yoga Intervention. *Explore: The Journal of Science and Healing*, 12(6), 443-450.
- Ferreira-Vorkapic, C., Feitoza, J. M., Marchioro, M., Simões, J., Kozasa, E., & Telles, S. (2015). Are there benefits from teaching yoga at schools? A systematic review of randomized control trials of yoga-based interventions. *Evidence-Based Complementary and Alternative Medicine*, 2015.
- Gould, L. F., Dariotis, J. K., Greenberg, M. T., & Mendelson, T. (2016). Assessing fidelity of implementation (FOI) for school-based mindfulness and yoga interventions: a systematic review. *Mindfulness*, 7(1), 5-33.
- Greenberg, M. T., & Harris, A. R. (2012). Nurturing mindfulness in children and youth: Current state of research. *Child Development Perspectives*, 6(2), 161-166.
- Hagen, I., & Nayar, U. S. (2014). Yoga for children and young people's mental health and well-being: research review and reflections on the mental health potentials of yoga. *Frontiers in psychiatry*, 5.
- Khalsa, S. B. S., & Butzer, B. (2016). Yoga in school settings: A research review. *Annals of the New York Academy of Sciences*, 1373(1), 45-55.
- Mendelson, T., Dariotis, J. K., Laura, F. G., Ali S.R. Smith, Smith, A. A., Gonzalez, A. A., & Greenberg, M. T. (2013). Implementing mindfulness and yoga in urban schools: A community-academic partnership. *Journal of Children's Services*, 8(4), 276-291. doi:http://dx.doi.org/10.1108/JCS-07-2013-0024
- Serwacki, M., & Cook-Cottone, C. (2012). Yoga in the schools: a systematic review of the literature. *International Journal of Yoga Therapy*, 22(1), 101-110.
- White, L. S. (2012). Reducing stress in school-age girls through mindful yoga. *Journal of Pediatric Health Care*, 26(1), 45-56.



