



Research and Evaluation Behind the Educalm Program

Educalm is an online, ready-to-use, bilingual (English & French) daily co-regulation program for K-12 students and their teachers. The Educalm program guides students and teachers through a daily mindfulness practice that builds coping strategies, self-regulation, growth mindset, emotional intelligence, compassion, focus, and more. This program improves student and teacher wellbeing by creating a trauma-informed classroom environment that fosters positive behaviour and academic achievement (Health in Common, 2020).

Mindfulness is the practice of intentionally focusing on one thing at a time. Practicing mindfulness gives students and teachers coping strategies for stressful experiences and emotions, and has been shown to create significant improvements in mood (Dariotis et al. 2016) (Bluth et al. 2016). Studies show that practicing mindfulness can reduce symptoms of stress, anxiety, and depression in teachers (Harris, A.R. et al. 2016) and in children (Black, D.S 2016).

Practicing mindfulness helps children to increase attention and self-regulatory skills (Poehlmann-Tynan et al. 2016) and appears to improve student academic engagement (Singh et al. 2016) and achievement (Bakosh et al. 2016). More mindfulness was shown to correlate with better academic performance, fewer suspensions from school, and less stress in middle school students according to two MIT research studies (Caballero et al. 2019) (Bauer et al. 2019).

Practicing mindfulness daily can support teacher and student wellbeing and functioning (Harris et al. 2016). Furthermore, teachers that follow a mindfulness program report more adaptive strategies for coping with job stress (Taylor, et al., 2016).

A third-party evaluation of Educalm demonstrated that this program improves self-regulation, focus, resilience, classroom management, and more. Qualitative, quantitative, and narrative data collected from Educalm users demonstrates that this program creates the outcomes observed in the peer-reviewed studies cited above (Health in Common, 2020).

Research shows that well-implemented, evidence-based social-emotional learning (SEL) programs are the most effective way to support young people's success and wellbeing (Collaborative for Academic, Social, and Emotional Learning, 2022). Educalm addresses all five of the SEL core competence areas outlined in the Collaborative for Academic, Social, and Emotional Learning (CASEL) framework: self-awareness, self-management, social awareness, relationship skills, and responsible decision-making (Collaborative for Academic, Social, and Emotional Learning (CASEL), 2022).

Each unit in the Educalm program is influenced by current research and best practices in education, neuroscience, and psychology. See the next page for a short list of literature that influenced the development of the Educalm curriculum.

The intention of Educalm is to improve the wellbeing and the teaching and learning environment for students, teachers, and school communities by providing ready-to-use social-emotional learning, mindfulness, and co-regulation exercises. Teachers do not need training to use the program. They learn alongside their students by pressing play on the daily lessons. They also have the option to use the printable, ready-to-use, additional learning resources to connect the learning outcomes of the Educalm lessons to their regular teaching curriculum.





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Bibliography

Bakosh, L. S., Snow, R. M., Tobias, J. M., Houlihan, J. L., & Barbosa-Leiker, C. (2016). Maximizing mindful learning: mindful awareness intervention improves elementary school students’ quarterly grades. Mindfulness.

Bauer, C. C. C., Caballero, C., Scherer, E., West, M. R., Mrazek, M. D., Phillips, D. T., . . . Gabrieli, J. D. E. (2019). Mindfulness training reduces stress and amygdala reactivity to fearful faces in middle-school children. Behavioral Neuroscience. Advance online publication.

Bluth, K., Campo, R. A., Pruteanu-Malinici, S., Reams, A., Mullarkey, M., & Broderick, P. C. (2016). A school-based mindfulness pilot study for ethnically diverse at-risk adolescents. Mindfulness.

Caballero, C. , Scherer, E. , West, M. R., Mrazek, M. D., Gabrieli, C. F. and Gabrieli, J. D. (2019), Greater Mindfulness is Associated With Better Academic Achievement in Middle School. Mind, Brain, and Education, 13: 157-166. doi:10.1111/mbe.12200

Collaborative for Academic, Social, and Emotional Learning (CASEL). (2022, January 21). Program Guide. Retrieved from CASEL: <https://pg.casel.org/>

Dariotis, J. K., Mirabal-Beltran, R., Cluxton-Keller, F., Feagans Gould, L., Greenberg, M. T., & Mendelson, T. (2016). A qualitative evaluation of student learning and skills use in a school-based mindfulness and yoga program. Mindfulness.

D.S. Black Mindfulness training for children and adolescents: A state-of-the-science review
K.W. Brown, J.D. Creswell, R.M. Ryan (Eds.), Handbook of mindfulness: Theory, research, and practice, New York, NY, Guilford (2016)

Harris, A.R., Jennings, P.A., Katz, D.A. et al. (2016) 7: 143 Promoting Stress Management and Wellbeing in Educators: Feasibility and Efficacy of a School-Based Yoga and Mindfulness Intervention. Mindfulness.

Harris, A. R., Jennings, P. A., Katz, D. A., Abenavoli, R. M., & Greenberg, M. T. (2016). Promoting stress management and well-being in educators: outcomes of the CALM intervention. Mindfulness.

Health in Common. (2020, August 6). Educalm Classroom: Summary of Ambassador Feedback (2019-2020). Winnipeg, Manitoba, Canada: Health in Common.

Poehlmann-Tynan, J., Vigna, A. B., Weymouth, L., Gerstein, E. D., Zabransky, M., Lee, P., & Zahn-Waxler, C. (2016). A pilot study of contemplative practices with economically disadvantaged preschoolers: children’s empathic and self-regulatory behaviors.

Singh, N. N., Lancioni, G. E., Karazsia, B. T., Felver, J. C., Myers, R. E., & Nugent, K. (2016). Effects of Samatha meditation on active academic engagement and math performance of students with attention deficit/hyperactivity disorder. Mindfulness.

Taylor, C., Harrison, J., Haimovitz, K., Oberle, E., Thompson, K., Schonert-Reichl, K., & Roeser, R. W. (2016). Examining potential mechanisms of stress reduction in a mindfulness-based intervention for school teachers: results from a randomized-control trial. Mindfulness.

Some of the Literature that has Influenced the Educalm Curriculum

The Whole Brain Child Daniel J. Siegel, Tina Payne Bryson	Teaching Mindfulness Skills to Kids and Teens Christopher Willard, Amy Saltzman	The Power of Now Eckhart Tolle	You are the Placebo Dr. Joe Dispenza
Mindset Carol Dweck	How Your Brain Works New Scientist	Getting Grit Carolina Adams Miller	Atomic Habits James Clear
Mindful Games Susan Kaiser Greenland	Making Sense of Mindfulness Keith Macpherson	Happy Teachers Change the World Thich Nhat Hanh and Katherine Weare	Breaking the Habit of Being Yourself Dr. Joe Dispenza
Rainy Brain, Sunny Brain Elaine Fox	The Power of Habit Charles Duhigg	Permission to Feel Marc Brackett	Psychology: Themes and Variations Wayne Weiten, Doug McCann