

## INCLUDED STUDIES

### ALBURAIDI 2019

Alburaidi, A., & Ambusaidi, A. (2019). The impact of using activities based on the Montessori approach in science in the academic achievement of fourth grade students. *International Journal of Instruction*, 12(2), 695–708.

### ANSARI 2014

Ansari, A., & Winsler, A. (2014). Montessori public school pre-k programs and the school readiness of low-income Black and Latino children. *Journal of Educational Psychology*, 106(4), 1066–1079.

### AYDOĞAN 2016

Aydoğan, Y. (2016). Examination of the affect of Montessori education on language development of pre-school children. *Academic Research International*, 7(5), 112–119.

### BESANÇON 2013

Besançon, M., Todd, L., & Baptiste, B. (2013). Creative giftedness and educational opportunities. *Educational and Child Psychology*, 30(2), 79–88. COYLE 1968 Coyle, S. J. V., & Josephina, C. S. (1968). A longitudinal assessment of preschool children in haptic learning. Final report.

### CULCLASURE 2018

Culclasure, B., David, F., Ginny, R., & Alexis, S. (2018). An evaluation of Montessori education in South Carolina's public schools. The Riley Institute at Furman University. Unpublished Manuscript.

### DENERVAUD 2019

#### *Published and unpublished data*

Denervaud, S., Jean-François, K., Patric, H., & Edouard, G. (2019). Beyond executive functions, creativity skills benefit academic outcomes: Insights from Montessori education. *PLoS One*, 14(11).

### DENERVAUD 2020

#### *Published and unpublished data*

Denervaud, S., Jean-François, K., Mary Helen, I.-Y., & Patric, H. (2020). Effects of traditional versus Montessori schooling on 4- to 15-year old children's performance monitoring. *Mind, Brain, and Education*, 14(2).

### DOĞRU 2015

Doğru, S. S. Y. (2015). Efficacy of Montessori education in attention gathering skill of children. *Educational Research and Reviews*, 10(6), 733–738. ELBEN 2015 Elben, J. M. (2015). A comparison of reading attainment in two first grade classes in a state and a Montessori school in Switzerland [Master's Thesis, Massey University].

<https://mro.massey.ac.nz/handle/10179/7547> FARYADI 2017 Faryadi, Q. (2017). The application

of Montessori method in learning mathematics: An experimental research. Open Access Library Journal, 4(e4140). FLEEGE 1967 Fleege, U. H. (1967). Montessori pre-school education. (ED017320). ERIC. <http://eric.ed.gov/?id=ED017320> RANDOLPH ET AL. | 59 of 74

GALINDO 2014

Galindo, M. I. (2014). A public bilingual prekindergarten Montessori program and its impact on Bracken test literacy outcomes: Principals' beliefs on the results. [Doctoral dissertation, University of Houston]. <https://uh-ir.tdl.org/uh-ir/handle/10657/881>

HOSEINPOOR 2014

Hoseinpoor, M., Mozhgan, A., & Saeed, S. (2014). Study of effect of education through the Montessori method on attention and perceptual organization and social growth of 5-6 yr preschool children in the city of Isfahan. *International Journal of Review in Life Sciences*, 4(12), 148–154.

JONES 1979

Jones, B. J., & Miller, L. B. (1979). Four preschool programs: Their lasting effects (ED171415). ERIC. <https://eric.ed.gov/?id=ED171415>

JUANGA 2015

Juanga, J. M. V., & Ressureccion, A. C. (2015). Comparison of academic performance and attention span of children between Montessori and traditional pedagogical approaches of preschools. *Proceedings of the International Conference on Information Communication Technologies in Education*, 336–347. [http://www.icitte.org/ICICTE2015Proceedings\(Papers\)/9.4%20Final%20Juanga%20Ressureccion.pdf](http://www.icitte.org/ICICTE2015Proceedings(Papers)/9.4%20Final%20Juanga%20Ressureccion.pdf)

KAYILI 2016

AKayili, G., & Ramazan, A. (2016). The effect of Montessori method supported by social skills training program on Turkish kindergarten children's skills of understanding feelings and social problem solving. *Journal of Education and Training Studies*, 4(12), 81–91. KAYILI 2016 B Kayili, G. (2016). The effect of Montessori Method on cognitive tempo of kindergarten children. *Early Child Development and Care*, 188(3), 327–335. <https://doi.org/10.1080/03004430.2016.1217849>

KIRKHAM 2017

Kirkham, J. A., & Kidd, E. (2017). The effect of Steiner, Montessori, and national curriculum education upon children's pretence and creativity. *The Journal of Creative Behavior*, 51(1), 20–34.

LILLARD 2006

Lillard, A., & Else-Quest, N. (2006). Evaluating Montessori education. *Science*, 313(5795), 1893–1894.

LILLARD 2012

Lillard, A. S. (2012). Preschool children's development in classic Montessori, supplemented Montessori, and conventional programs. *Journal of School Psychology*, 50(3), 379–401.

#### LILLARD 2017

Lillard, A. S., Heise, M. J., Richey, E. M., Tong, X., Hart, A., & Bray, P. M. (2017). Montessori preschool elevates and equalizes child outcomes: A longitudinal study. *Frontiers in Psychology*, 8(1783). <https://doi.org/10.3389/fpsyg.2017.01783>

#### MALLETT 2015

Mallett, J. D., & Schroeder, J. L. (2015). Academic achievement outcomes: A comparison of Montessori and non-Montessori public elementary school students. *Journal of Elementary Education*, 25(1), 39–53.

#### MANNER 1999

Manner, J. C. (1999). A comparison of academic achievement of Montessori and non-Montessori students in a public school setting [Doctoral dissertation, Florida International University]. ProQuest Dissertations Publishing.

#### MILLER 1983

Miller, L. B., & Bizzell, R. P. (1983). Long-Term effects of four preschool programs: Sixth, seventh, and eighth grades. *Child Development*, 54(3), 727–741.

#### MILLER 1984

Miller, L. B., & Bizzell, R. P. (1984). Long-term effects of four preschool programs: Ninth- and tenth-grade results. *Child Development*, 55(4), 1570–1587. MIX 2017 Mix, K. S., Smith, L. B., Stockton, J. D. S., Cheng, Y.-L., & Barterian, J. A. (2017). Grounding the symbols for place value: Evidence from training and long-term exposure to base-10 models. *Journal of Cognition & Development*, 18(1), 129–151.

#### PRENDERGAST 1969

Prendergast, R. (1969). Pre-Reading skills developed in Montessori and conventional nursery schools. *The Elementary School Journal*, 70(3), 135–141.

#### RATHUNDE 2005a

Rathunde, K., & Mihaly, C. (2005). Middle school students' motivation and quality of experience: A comparison of Montessori and traditional school environments. *American Journal of Education*, 111(3), 341–371.

#### RATHUNDE 2005b

Rathunde, K., & Csikszentmihalyi, M. (2005). The social context of middle school: Teachers, friends, and activities in Montessori and traditional school environments. *The Elementary School Journal*, 106(1), 59–80. TOBIN 2015 Tobin, T., Prairie, B., Wenyi, Z., Paul, H., & Peter, M. (2015). Improving Outcomes for refugee children: A case study on the impact of 60 of 74 | Montessori

education along the Thai-Burma border. *International Education Journal: Comparative Perspectives*, 14(3), 138–149.

YUSSEN 1980

Yussen, S. R., Samuel, M., & Knight, J. W. (1980). Performance of Montessori and traditionally schooled nursery children on social cognitive tasks and memory problems. *Contemporary Educational Psychology*, 5(2), 124–137.