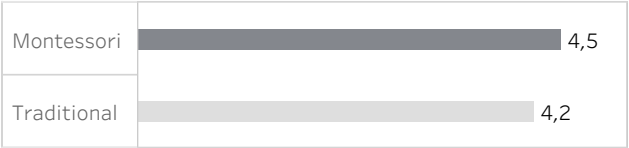


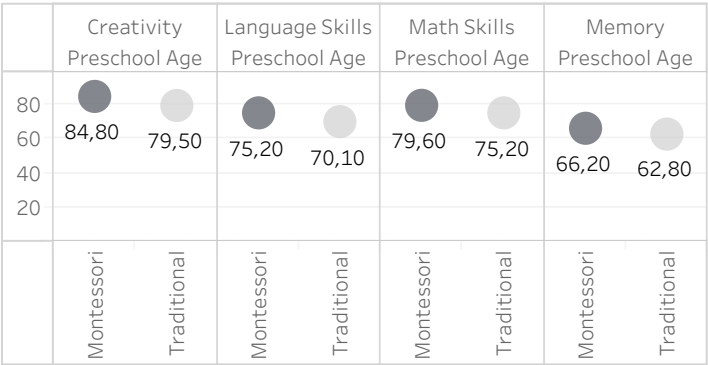
☐ Montessori children outperformed traditional schoolchildren in language, math, well-being, working memory, convergent, and divergent creativity tasks at both kindergarten and elementary age levels.

Well-being level

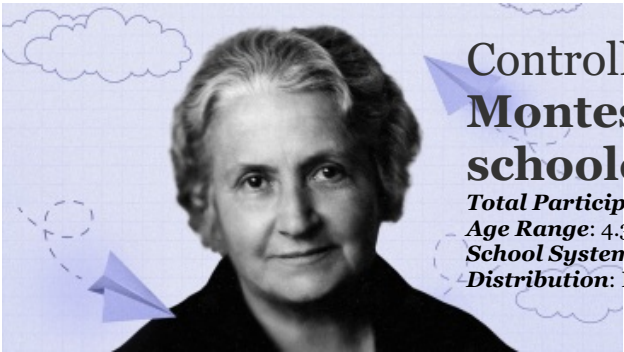
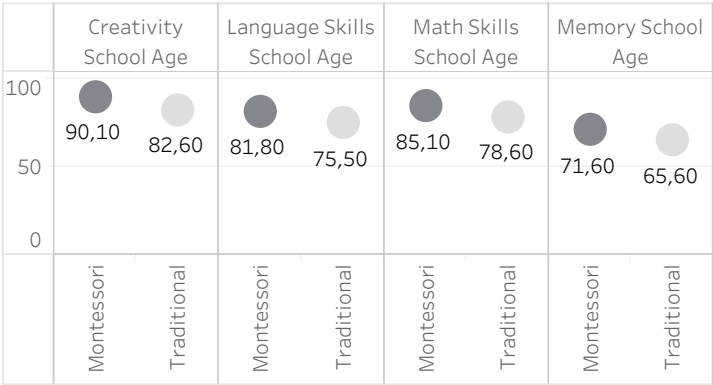


☐ Montessori education emphasizes the importance of nurturing creative execution abilities alongside traditional academic skills.

Comparison of Montessori and Traditional Mean Scores by Preschool Age Metrics



Comparison of Montessori and Traditional Mean Scores by School Age Metrics

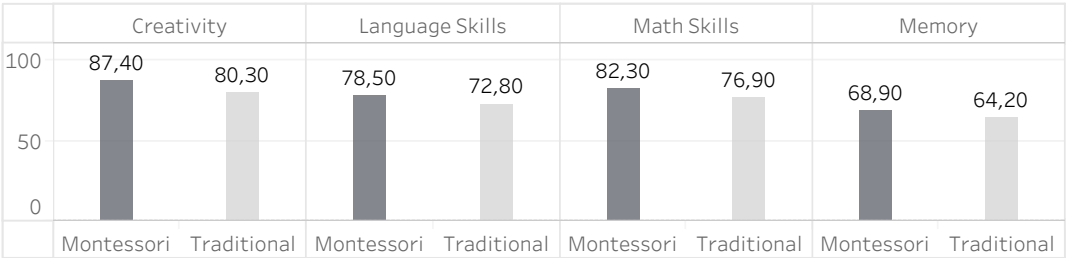


Controlled observational study Montessori vs. Traditional schoolchildren

Total Participants: 201 children (96 girls and 105 boys)
Age Range: 4.37 to 13.40 years old
School Systems: Montessori (n=99) and Traditional (n=102)
Distribution: Divided into kindergarten and elementary age g.

☐ Creativity skills significantly mediated the relationship between school system (Montessori vs. Traditional) and academic outcomes, suggesting a partial mediation effect.

Comparison of Montessori and Traditional Mean Scores by Metrics



☐ Montessori education fosters a more balanced global development, promoting academic success beyond traditional measures of executive functions.

Table of p-values

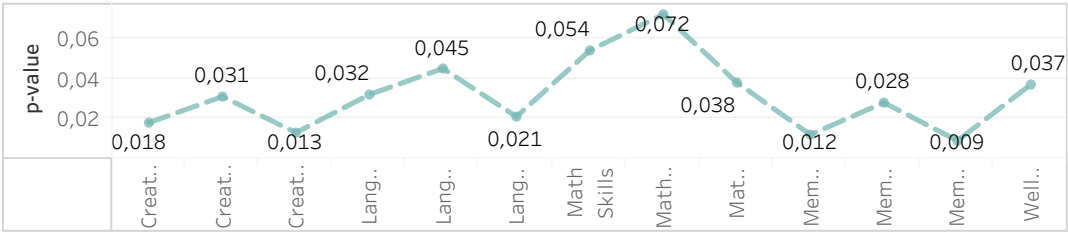


Table of Cohen's d Values

