

## The educational basis for the neuromotor development of the child

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**Abstract:** Everything children learn within their first five years of life, thanks to the scientific organization of environment and the quality of education offered by the caretaker, will influence their whole life: be successful in school and work, development of a balanced personality, personal wellness, prevention of neuromotor disorders. The child needs a scientific educational intervention from birth in order to lead it to the full expansion of its inborn potential.

Recent studies of Neurobiology showed how hereditary traits can be modified and how educative stimuli such as playing, movement, interactions with its caretaker, form inputs that expand and fortify its psychophysical skills. The child begins its learning path starting from its first neonatal reflexes, storing in its memory motorial and affective experiences. Information deriving from physical, affective and cognitive stimuli are processed in the brain, building thoughts and emotions.

This is a global development process in the child, which we could define as an “embodiment” in its mind, in the form of “corporeal experience”, of acquired data. This awareness leads scholars of childhood to deepen those educational processes which can promote the child’s sane, balanced development, in every dimension of its person, meaning emotions, cognition, motion and social relations.

Scientific Pedagogy becomes part in this growth pathway and professional pedagogists are committed to sustain parents and educators in organizing didactical activities based on the most modern theories of Neuroscience.

**Keywords:** development, educational, brain, pedagogist, caretaker, embodiment



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