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Developing the creative potential of children by stimulating the window of opportunities

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The theme developing the creative potential of children by stimulating the window of opportunities was prepared in order to demonstrate how it is possible to develop the children's creative potential during the critical neuroplasticity, reflecting on the role of windows of opportunity for the child's learning as well as about practical examples of stimulus for the improvement of these learning. This work presents the relevant topics such as neuroplasticity child; development practices of neurolearning in childhood; neuroeducation and creativity, addressing the creative practice during sensitive periods of child development. It is noted that during the critical neuroplasticity, the brainchild windows are more susceptible to change and for this reason a stimulus-based education and challenges of learning is essential for the acquisition of new knowledge and skills, including thinking and the creative act. Creativity is a characteristic of childhood, which can be enhanced more effectively during sensitive periods of the child's learning through the plasticity of the brain, in a way that each new stimulus or acquired experience becomes new brain connections by the nervous system and therefore different abilities. In this way, the creative practice can be improved by the multiple intelligences of children, which concern the different skills dispersed in different brain regions. Take advantage of the opening of the infant brain windows, is to provide for the child a world of new experiences and learning, through the experimentation of multiple stimulus and opportunities offered by the environment.

Biography

Daniela Silva dos Santos has background in pedagogy with Post-graduation in People Management and Neuroeducation. She currently contributes as educational Writer and Researcher in Neuroeducation, developing articles and educational materials for parents, students and teachers. Working in collaboration with The New Heights Educational Group, she has just published *Unraveling Reading*, a book on literacy education and learning disabilities in reading and writing.

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