Abordando la complejidad a través del pensamiento crítico: Perspectivas desde la neurociencia [

2024

text (article)

Analítica

This article explores the importance of critical thinking as a fundamental skill in modern life and examines how neuroscience sheds light on its functioning in the human brain. The intersection between complexity, critical thinking and neuroscience is explored. In the previous studies reviewed, the connection between critical thinking and specific neural processes is highlighted, showing that this intellectual faculty is not merely abstract, but has physical bases in the brain. The analysis focuses on brain plasticity, the synergy between brain regions and the influence of external factors on the formation of critical thinking. Additionally, complexity is examined in social and educational contexts, expanding understanding beyond the physical structure of the brain. Looking into the future, the article suggests that the interaction between complexity, critical thinking and neuroscience will open new possibilities for interdisciplinary research. The idea of using neuroscientific discoveries to enhance the development of critical thinking and vice versa is proposed, which promises a deeper and more holistic understanding of the human mind. The article offers a comprehensive view of how these converging areas of study contribute to our understanding of the mind and brain. This article highlights the importance of critical thinking, explores how it relates to the human brain from a neuroscience perspective, and suggests that research and education can work together to improve these essential skills in an increasingly complex world.
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