

The Evolution of the Human Brain from the Hind Brain to the Fore Brain: Dialectics from the African Perspective in Understanding Stunted Development in Science and Technology

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Abstract : From the hindbrain, which is responsible for motor activities, to the forebrain, responsible for processing information related to complex cognitive activities, the human brain has continued to evolve over the years. This evolution- has been progressive, leading to advancements in science and technology. However, the development of science and technology in Africa, where ancient civilization arguably began, has been retrogressive. Dialectics was done by dissecting different opinions on the reason behind the stunted development of science and technology in Africa. The researchers proposed that the inability to sustain the technological advancements made by early Africans is due to poor or lack of replicability of the African knowledge-based system, almost no or poor documentation of adopted procedures and the approval-seeking mentality that cheaply paved the way for westernization which also led to the adulteration of the African way of life and education without making room for incorporating her identity and proper alignment of her rich cultural heritage in education and her enormous achievements before and during the middle age. This article discussed conceptual issues, with its positions based on established facts, the discussion was based on relevant literature and recommendations were made accordingly.

Keywords : forebrain, hindbrain, dialectics from African perspective, development in science and technology

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