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The Cambridge Handbook of Cognitive Development

How does cognition develop in infants, children and adolescents? This handbook presents a cutting-edge overview of the field of cognitive development, spanning basic methodology, key domain-based findings and applications. Part I covers the neurobiological constraints and laws of brain development, while Part II covers the fundamentals of cognitive development from birth to adulthood: object, number, categorization, reasoning, decision-making and socioemotional cognition. Part III covers educational and school-learning domains, including numeracy, literacy, scientific reasoning skills, working memory and executive skills, metacognition, curiosity-driven active learning and more. Featuring chapters written by the world's leading scholars in experimental and developmental psychology, as well as in basic neurobiology, cognitive neuroscience, computational modelling and developmental robotics, this collection is the most comprehensive reference work to date on cognitive development of the twenty-first century. It will be a vital resource for scholars and graduate students in developmental psychology, neuroeducation and the cognitive sciences.

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