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Proceedings of the Annual Meeting of the Cognitive Science Society

Title

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Permalink

<https://escholarship.org/uc/item/2x6715t3>

Journal

Proceedings of the Annual Meeting of the Cognitive Science Society, 31(31)

ISSN

1069-7977

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Publication Date

2009

Peer reviewed

Acting on Objects: Integrating Visual and Motor Processes 18-24 months

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Abstract: Recent findings indicate substantial changes between the ages of 18- and 24-months in childrens integration of object properties with their actions on objects. Here we report new results from shape sorting and posting tasks in an attempt to understanding how motor and visual developments (or their combination) may contribute to this period of rapid development. Toddlers aged 18-months participated in four experiments involving inserting objects into openings. Results suggest that the key developmental achievements reside not in visual or motor developments alone, but in their integration.