Title
7 month-old infants use chunking to increase working memory capacity

Permalink
https://escholarship.org/uc/item/387234dt

Journal

ISSN
1069-7977

Authors
Feigenson, Lisa
Tuerk, Arin S.
Yamaguchi, Mariko

Publication Date
2009

Peer reviewed
7 month-old infants use chunking to increase working memory capacity

Arin S. Tuerk
Harvard University

Mariko Yamaguchi
Johns Hopkins University

Lisa Feigenson
Johns Hopkins University

Abstract: Infant working memory quickly develops over the first year of life to reach the adult capacity of 3-4 items (Luck & Vogel, 1997, Ross-Sheehy et al., 2003). However, both adults and 14 month-olds can overcome this limit by chunking arrays into sets using spatial, perceptual and conceptual cues (Cowan et al., 2004)