

deBarbaro, K., Johnson, C.M.& Deák, G.O. (2013). Twelve month “social revolution” emerges from mother-infant sensorimotor coordination: A longitudinal study. *Human Development* 56: 223-248.

FACTOR \ AGE	4 MONTHS	6 MONTHS	9 MONTHS	12 MONTHS
Mutual Gaze & Affect	Eye contact associated with mutual, positive affect	Some negative affect to Mom's involvement, turn from	Positive eye contact, but less than 4 mo	Eye contact & positive affect timed per task
Sensory/Motor De-coupling	Convergent All modalities (eyes, both hands, mouth) focused on 1 object at a time	Fragile De-Coupling Visually guided reach, but if 1 hand clasping object, eyes can shift to different object. But, if 1 too salient, all modalities shift to it	Facile De- & Re-Coupling Two objects: 1 hand passive grasp 1 object, eyes and other hand on manipulated other. Shifting eyes to an object activates it.	Multi-Target Integration Two objects, 1 per hand, BOTH active, often interacting. Gaze alternates or on both.
Articulation & Attention to Detail	Symmetrical bi-manual & un-differentiated fingering	Extend arm, grasp, retrieve. Whole hand grasp and manipulate.	Precision grip, adapted to form of object	Individual finger control. Often hold object w/one hand, manipulate 1 part w/other
Maternal Scaffolding	Mom most active	Mom rejected if insensitive	Mom imitate infant	Mom demonstrate in own space
TRIADIC ATTENTION per Maternal Bids	Well co-ordinated , (Mom leads)	Least co-ordinated (Infant initiative, Mom follows)	Elongated co-ordination (Co-routines & interest in outcomes)	Well co-ordinated (over space & time)
Imitation?!	You touch, I touch (“Co-do” arouses)	If Infant-initiated activity attended, co-accomplished	Infant mimicked (Mom models how to mimic, esp with objects)	Infant discriminates & reproduces Mom's specific actions (“Co-same” arouses)

PRACTICE filling out this table on de Barbaro, Johnson & Deák, 2013

FACTOR \ AGE	4 MONTHS	6 MONTHS	9 MONTHS	12 MONTHS
Mutual Gaze & Affect				
Sensory/Motor De-coupling				
Articulation & Attention to Detail				
Maternal Scaffolding				
TRIADIC ATTENTION per Maternal Bids				
Imitation?!				