

been paid to development of EA during the years of life. In this

ability to resolve cognitive conflict can also be examined at this age. Diverse authors have ideated Stroop-like tasks that are suitable for toddlers. Kochanska et al. [28] in their shape-stroop task employed a set of three cards depicting three fruits. Fruits are represented in both big and small sizes in a way that small fruits are embedded inside the picture of a big fruit (e.g., a card with a small banana inside a big apple). Children are asked to point to a particular small fruit (e.g., the small banana). A card with the same fruit the experimenter asks for but in the large size, is placed next. Toddlers have to inhibit the prepotent response of pointing to the big fruit, which is more prominent, and search for the small one. Another example of an adapted Stroop paradigm for children of this age was provided by Hughes and Ensor [29]. These authors created the baby stroop task in which toddlers are required to feed a mummy doll with a "baby" spoon and a baby doll with a "mummy" spoon. Children have to manage the incongruence between doll size and spoon size and avoid the natural tendency of pairing objects by size.

Gerardi-Caulton [30] also adapted a Stroop paradigm, the spatial Stroop task, for use with toddlers.

potentials (ERP) provide direct measures of the neural activity with great temporal resolution, which has been used to investigate

able to inhibit directly reaching a toy presented in a transparent box

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