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Developing a mathematically rich environment for 3-year-old children: the case of geometry. Meaney, Tamsin (ed.) et al., Mathematics education in the early years. Results from the POEM2 conference, Malmö, Sweden, 2014. Cham: Springer (ISBN 978-3-319-23933-0/hbk; 978-3-319-23935-4/ebook). 325-340 (2016).

Summary: This chapter describes an integrated program in Israel for 3-year-old children and their caregivers. For the caregivers, the aim of the program was to increase their mathematical and pedagogical knowledge for teaching geometric concepts. For the children, the aim of the program was to introduce geometry into the different spaces of the classroom, at different times in the daily schedule, and with different activities. Care was taken to introduce mathematical language and encourage communication skills. In addition, caregivers were encouraged to share their experiences and try out activities with the children. Questions and dilemmas are discussed.

Classification: G21 D31 D41

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