

## Turkish Early Childhood Education Curriculum from the Perspective of STEM Education: A Document Analysis

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### Abstract

The current study aimed to examine Turkish early childhood education curriculum prepared for 36–72 month children relative to science, technology, engineering, and mathematics (STEM) education. To that end, 240 developmental features, 65 objectives, and 230 indicators under developmental fields in the curriculum and 40 sample activities in a teacher activity book were analyzed by adopting content analysis. The data were analyzed in the light of “A Framework for K–12 Science Education: Practices, Crosscutting Concepts, and Core Ideas” developed by the Committee on a Conceptual Framework for New K–12 Science Education Standards within the National Research Council. Analyses revealed that the curriculum and teacher activity book included core ideas and concepts related to STEM education and it had most of the characteristics of STEM education. Finding out the existence of STEM education-related aspects of the early childhood education curriculum inspires conducting further studies that will help early childhood educators’, academicians’, and policy makers’ focus on integrating and implementing STEM education practices not only in Turkey but also in countries adopting similar early childhood education curriculums.



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childhood education in English in India Padmini Shankar and Paul Gunashekar.75. 1.5 Africa Beyond ABC: the complexities of early childhood education in Tanzania Nipael Mrutu, Pauline Rea-Dickins, Fortidas Bakuza and Shelina Walli.91. Early Childhood Educators' Perceptions of Inclusion for Children with Autism Spectrum Disorder. Authors. Sophia R. D'Agostino. Barriers to Implementing a Healthy Habits Curriculum in Early Childhood Education: Perspectives from Childcare Providers and Teachers. Authors (first, second and last of 4). Elizabeth Villegas. Early Childhood Education provides children to learn with diversity. Children develop healthy social interaction by mixing with other kids from different cultures and backgrounds. Thus, early learning gives them positivity, self-esteem, and self-confidence. Importance of Early Childhood Education. We all know that learning begins from our very first cry, from the moment of our birth. And the early years of a child are the most important years for their physical and internal development. Now, let's list some importance of ECE. Annex 1: Methodology. References. Inclusive Early Childhood Education. An analysis of 32 European examples. EUROPEAN AGENCY. fo r S p e c i a l N e e d s a n d I n c l u s i v e E d u c a t i o n. Extracts from the document are permitted provided that a clear reference to the source is given. This report should be referenced as follows: European Agency for Special Needs and Inclusive Education, 2016. Inclusive Early Childhood Education: An analysis of 32 European examples. From the project's perspective, this refers to facilitating access for all children in the community. In particular, it concerns the most vulnerable children. This includes those with disabilities and SEN, immigrants, newcomers and other at-risk children and their families.