

- of the research. In: Grouws, D.A., (Ed.), *Handbook of Research on Mathematics Teaching and Learning*. New York: Macmillan Publishing Company. pp. 127-146.
- Turkish Academy of Sciences. (2010). *Bilim Raporu 2009 [Science Report 2009]*. Ankara, Turkey.
- Uğraş, M. (2017). Okul öncesi öğretmenlerinin STEM uygulamalarına yönelik görüşleri [Preschool teachers' views about STEM applications]. *The Journal of New Trends in Educational Science*, 1(1), 39-54.
- Weber, E., Fox, S., Levings, S.B., & Bouwma-Gearhart, J. (2013). Teachers' conceptualizations of integrated STEM. *Acad Exchange*, 17(3), 47-53.
- Yıldırım, A., & Şimşek, H. (2011). *Sosyal Bilimlerde Nitel Araştırma Yöntemleri [Qualitative Research Methods in Social Sciences]*. 8th ed. Ankara: Seçkin Publications.
- Yin, R. (2014). *Case Study Research: Design and Methods*. 5th ed.). Thousand Oaks, CA: Sage.
- You, H.S. (2017). Why teach science with an interdisciplinary approach: History, trends, and conceptual frameworks. *Journal of Education and Learning*, 6(4), 66-77.
- Zeldin, A.L., Britner, S.L., & Pajares, F. (2008). A comparative study of the self-efficacy beliefs of successful men and women in mathematics, science, and technology careers. *Journal of Research in Science Teaching*, 45(9), 1036-1058.