

14 - In-service Science Teacher Education, Continued Professional Development | Empirical

SP - (16082) - AFFORDANCES OF ONLINE PROFESSIONAL LEARNING

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Short Abstract

Abstract: In the United States, the Next Generation Science Standards (NGSS) include a focus on computational thinking. Similarly, The Framework for Science Education for Responsible Citizenship in the European Union emphasizes a shift from STEM to STEAM. Both frameworks highlight the need for science education to mirror professional practice, which increasingly involves computing. As such, we focus on how elementary school teachers learned about computing in an online professional development.