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Science Learning Motivation and Creative Parenting Effects on Student Technological Creativity

Chia-Chun Hsiao

Department of Education,
National University of Tainan

Abstract

This study uses data from 1,808 student participants. We explore the relationships among creative parenting, science learning motivation, creativity intention, creative life experience, and technological creativity. The study uses the structural equation model to show that creative parenting, creativity intention, and creative life experience affect technological creativity. Creativity intention also has a significant mediating effect on the relationship between science learning motivation and technological creativity. Creative life experience has a significant mediating effect on the relationship between creative parenting and technological creativity. We discuss these results and provide suggestions for future research.

Keywords: creative parenting, technological creativity, science learning motivation, creativity intention, creative life experience