

Differences in Learning Novel and Partially Known Concepts: Exploring Children's Self-Regulated Choices

Julieta Goldstein

Universidad Torcuato Di Tella, Buenos Aires, Buenos Aires, Argentina

Carolina Gattei

Universidad Torcuato Di Tella, Buenos Aires, Argentina

Cecilia Calero

Universidad Torcuato Di Tella, Buenos Aires, Argentina

Abstract

Self-regulated learning may be crucial for goal setting, progress monitoring, and adaptive problem-solving. The ability to find and recognize relevant and reliable information has become increasingly valuable. Therefore, to understand self-regulated learning processes, we interviewed 138 9-11-year-olds to analyze their information-seeking behaviors when learning either novel or partially known concepts by themselves. Children's responses were categorized into two groups: Human-Sources Learners and Platform Learners. Results revealed an overall preference for Platforms (73.23%). Interestingly, when learning novel concepts, the proportion favoring Human-Sources increased significantly (34.56% versus 18.80%). Most of the children mentioned changing their strategy when stuck during the learning process (79.93%), with Platform Learners showing higher adaptability (89.34%) than Human-Sources learners (54.17%). These findings deepen our understanding of children's decision-making regarding learning, aiding teachers in guiding their learning processes more efficiently, valuable not only in educational settings, but also in their personal and professional lives.