

# Children's Understanding of Functions

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**Website:** [CUF](#)

This research project addresses how children in grades K-2 understand concepts associated with functions—particularly as these concepts relate to different representational tools (e.g., natural language, algebraic notation, tables, and Cartesian coordinate tools). Researchers will study how students are able to coordinate co-varying data and identify and express relationships with such data - particularly examining the connections between their thinking about recursive patterning and co-varying relationships and correspondence relationships.