

Effective Models for Integrating Computational Thinking into NYC Elementary Schools: A Proposed Research Agenda

This subaward is intended to support the implementation and research of a study in New York City Public Schools in which computational thinking and computer science will be integrated into elementary schools.

Research questions answered in this project include the following:

- What are effective approaches to integrating computational thinking into elementary school instruction?
- How do we define high-quality, integrated, whole computational thinking at the elementary level?
- What are the measures of success for students, teachers, and administrators, and how can we track them?

Deliverables include the description of different models of effective integration of computational thinking into elementary education and the pedagogical approaches that support students in being engaged within these activities.