Pre-K Science Initiative

Principal Researcher: Amanda Cardarelli

Research Question:

Age-Range: Pre-K

Method: We provide engaging science lessons to Pre-K teachers to implement in their classes. We ask that teachers audio-record their lessons so we can code the transcriptions for the language used to teach science. We are particularly interested in action-focused language “Today we’re going to do science” versus identity-focused language “Today we’re going to be scientists”, and how teaching lessons utilizing these different types of language affect children’s interest in science activities. We assess this by going to each classroom after the teacher implements the lessons and testing the students on different measures of interest, self-efficacy and persistence.

Experimenters: Amanda Cardarelli, Danielle Schuler, Maisy Rohrer

Testing Locations/Shifts: Pre-K sites across all five boroughs of New York City

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