

Development of a University-Community Partnership to Offer Informal Computer Science Opportunities to Children and Youth Diagnosed with Autism Spectrum Disorder: Award # 2313418

Community Partners: Arts n' Autism

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Project Description

The goal of this project is to establish a partnership with Arts n' Autism to determine the needs & preferences of their constituents to collaboratively plan an informal robotics and coding program for children with Autism Spectrum Disorder. (ASD)

Key Achievements

Accomplished so far:

- Interviewed and surveyed parents of students with ASD to understand student needs and generate learner profiles.
- Implemented informal robotics observations to understand patterns of participation.

Learned so far:

- The range of student needs and profiles in informal settings may require individualized robotics programming to ensure inclusion of all students.

Audience & Settings

Audience: learning researchers,

Disciplinary area: STEM/computer science

Learning environment: After school program for students with diagnosis of Autism

Access and Inclusion

This project will help us understand ideal approaches for developing informal STEM learning opportunities for students with Autism Spectrum Disorder.



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