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

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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

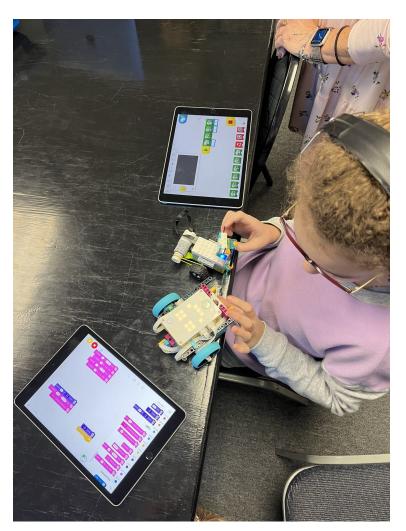
#### **Access and Inclusion**

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

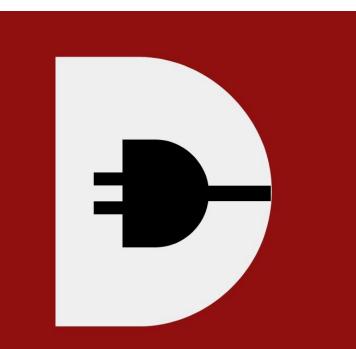


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