

Introduction

- Always B Smiling is a nonprofit organization providing programming for participants with special needs in the South Hills of Pittsburgh
- The mission of the organization is to support children, families, and caregivers with life challenges by offering support and experiences that will inspire as many smiles as possible
- Focus on designing an accessible interior of the greenhouse and adapting an inclusive gardening program for participants (Barczak & Cannella-Malone, 2022; King, et al. 2018)
- This project will support the many benefits for individuals with disabilities participating in gardening activities (Edwards et al. 2021; Smart et al. 2018)

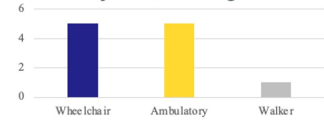
Objectives

- Aim 1: Describe the key components involved in developing inclusive programming that support skill development for participation in daily life within one's home and community settings.
Aim 2: Explain the benefits of utilizing an adaptive greenhouse to promote participation in associated programming.

Participants and Process

Participants: 11 individuals between the ages of 22-37 with diverse primary diagnoses and multiple medical complexities.

Chart 1: Mobility Status of Program Participants



Process: Aim 1



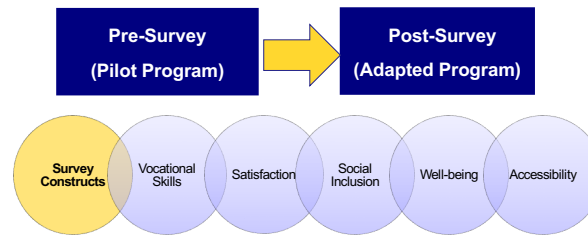
The curriculum was designed to incorporate a variety of components, including educational, sensory, and physical activities with built in opportunities for accommodations and adaptations.

Process: Aim 2



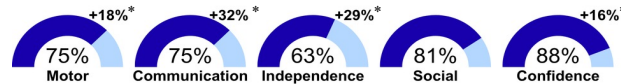
The interior was intentionally designed for accessibility and adaptability by utilizing adaptive tools, equipment, and creating an overall accessible environment within the greenhouse.

Outcome Measures

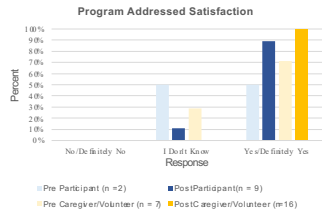


Results

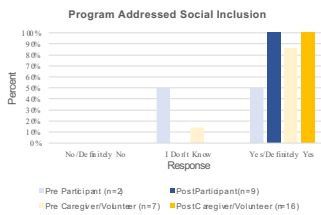
Chart 2: Caregiver/Volunteer Report of Observed Vocational Skills After Program Attendance
*% increase compared to reports after attending pilot program



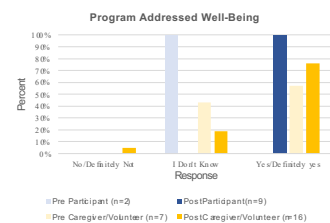
Graph 1



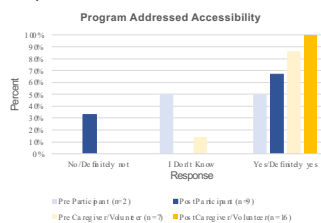
Graph 2



Graph 3



Graph 4



Discussion

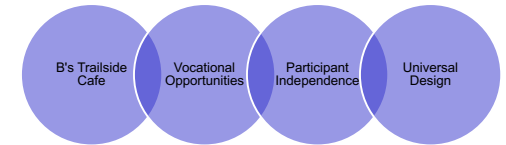
Pre-Survey (Pilot Program):
• Feedback from initial program supported new program development to ensure maximal participation

Post-Survey (Adapted Program):
• 100% of caregivers/volunteers felt like the participants enjoyed the program
• 88% of participants reported program enjoyment
• Accessible environment for participation
• Participants felt included and calmer
• Vocational skill improvement seen in 4/5 categories
• Response rate improvement following adapted survey administration
• Overall support of adaptive programming and accessible greenhouse reinforces aims

Limitations:



Future Practice



Additional Photos/Resource Examples



Acknowledgements

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References

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