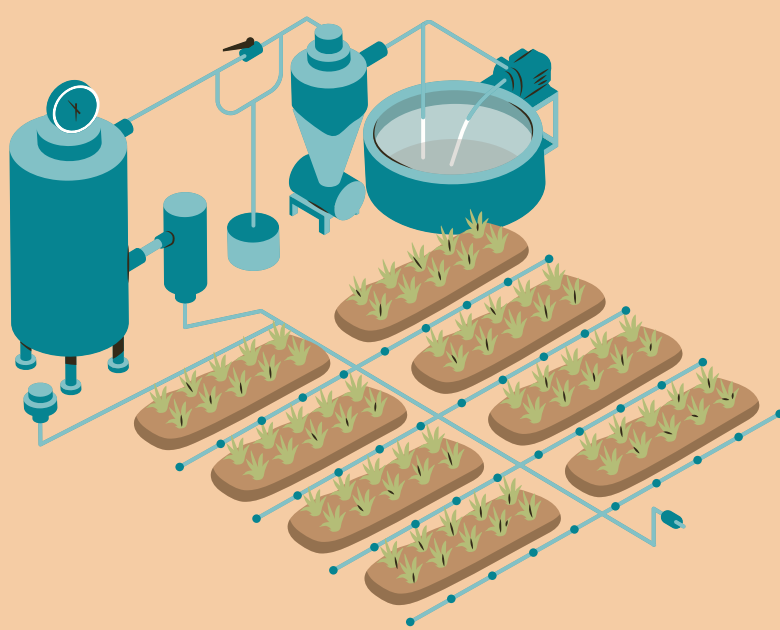




TRAINING CENTRE FOR SPECIAL NEEDS

NGO Background

- Pusat Jagaan & Latihan Insan Istimewa (IMC) is an NGO supporting individuals with special needs
- Operates USJ and Puchong branches
- Serves teenager to young adults with varied independence levels
- Focuses on practical skills & routine
- Adapts teaching style to individual learning pace and abilities



Project Overview: Aquaponic System

- Goal: Promote independence and self sustainability through aquaponics
- Aquaponics combine plant cultivation and water systems
- Our team was the first student batch, establishing a foundation for future cohorts

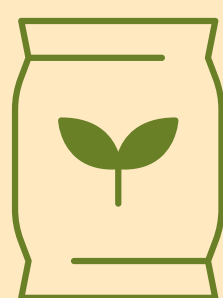
Teaching Approach

- Conducted 1-2 sessions per week over 3 months
- Simple, routine based instruction
- Adjusted pace based on student capability
- Key Challenges: Limited responses to verbal instructions
- Adaptation implemented: Visual flashcards with images and short steps, physical cues and 1-on-1 guidance

Outcomes & Reflection

- Students showed increased confidence and task familiarity.
- Some achieved full independence, others required reduced support over time
- Visual aids enabled students to complete tasks
- Improved adaptability and observation skills
- Understanding of special needs education
- Learning is not only defined by measurable results

Step-by-step process



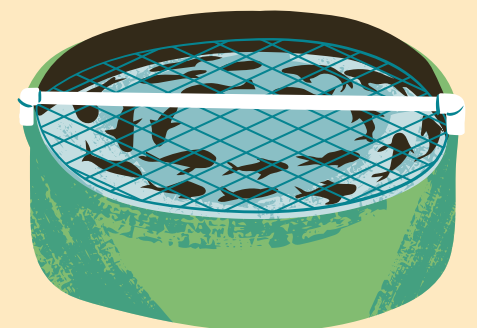
Planting spinach & mustard green seeds in rockwool



Place Rockwool into baskets



Transfer into aquaponic system



Feed fishes