

Example Projects w/Skills Used By Position



Groton Nature Center

Ongoing External, Partner Project w/ Vermont State Parks

- 3D modeling
- CNC wood routing
- Coordination with trades and custom fabricators
- Acrylic laser cutting and vitrine assembly
- Cabinetry installation
- Object and sign mounting



Champ Exhibit

Planned Exhibit Project

- 3D modeling
- CNC wood routing
- Coordination with trades, engineers, and custom fabricators
- Acrylic laser cutting and vitrine assembly
- Cabinetry installation
- Object and sign mounting
- Simple mechanical interactive design and fabrication



Mobile Air Wall

Past Traveling STEM Festival Project

Exhibit concept and design

Metalworking

Basic electrical wiring



Kinetic Exhibit Sign

Past In-house Exhibit Project

CNC wood routing

CNC plasma cutting

Simple wiring

Simple mechanical interactive design and fabrication



Vertical Flyer

Past Education Outreach Project

CNC wood routing

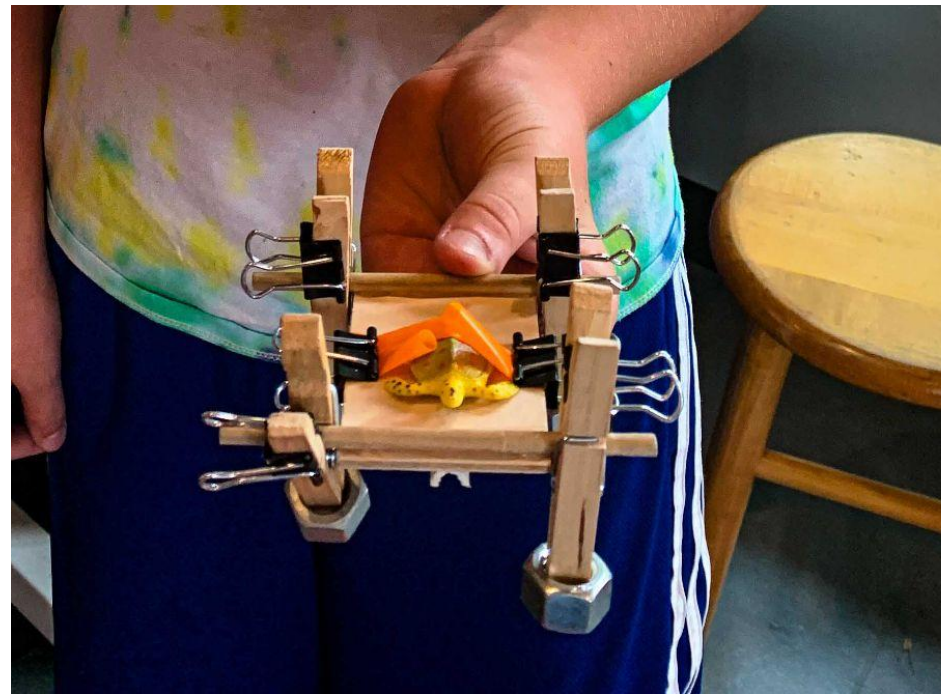
Simple mechanical interactive design and
fabrication



Exhibit Remediation

Past Exhibit Projects

Improved pulley system for pulley chairs
Box and acrylic shield for improved ball
wall flow



Zip Carts Engineering

Past Education Program Project

STEM Education experience design and fabrication

Simple woodworking

Parts procurement