Creating a Pest Resilient Garden at Turn Back Time to Support Nature- Based Education Programs

AN IQP BY:

Michael McCarthy, Matthew Scherrer, and Jonathan Zimak

Advised By Professor Stoddard
Turn Back Time (TBT)

- Our Sponsor
  - Non-profit nature based education Center
  - Located on a 58-acre farm in Paxton, MA
  - TBT offers inclusive educational programs and provide a space for children of all ages and abilities to learn and grow outside of a traditional learning environment.
    - The variety of farm based nature education allow children to learn at their own pace in a relaxed educational environment
    - Teaches children to appreciate nature by providing an introduction to environmental advocacy
    - Programs nurture the next generation of Environmental Activists.
Our Project

“Create a novel predator proof-garden system that is designed for efficiency and enhanced learning opportunities while supplying the farm another means of revenue”

- We were responsible for leading the design, sourcing of the materials, fabrication, and installation of the 2000 square foot garden enclosure with a $5000 budget.
- Create two 2000 square foot areas of protected garden spaces for production and education.
  - Area 1 (Lower) - A fully enclosed predator proof enclosure for production of crops
  - Area 2 (upper) - A semi-enclosed garden that provides structured play why still protecting the crops.
Project Start - September
Making the Enclosure

1. Identify what Turn Back Time needed
2. Draft and revise garden plans
3. Source the materials
   - Secured a 25% Discount at Lowe’s
4. Lead the installation and bed assembly
5. Handoff plans and instruct staff on maintenance and best practices for building more garden beds and enclosures
References

