Tree Planting to Inhibit Reed Canary Grass Growth and Watershed Education

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Introduction

1. Research Proposal
   • Do native trees produce enough shade to reduce the growth of Reed canary grass (*Phalaris arundinacea*)?

2. Plaster Creek Stewards Green Team
   • Watershed ecology
   • Environmental justice issues
   • Green infrastructure
   • Job skills
Methods

1. Research Proposal
   • 220 trees will be planted
   • Reed canary data collection
   • Tree data collection

2. Plaster Creek Stewards Green Team
   • Native plant identification
   • Seed collecting
   • Restoration projects
   • Meeting professionals
   • Demystifying the college experience
Results

1. Research Proposal
   • Collecting baseline data
   • Staking tree locations
   • Planting 220 trees

2. Plaster Creek Green Team
   • New relationships
   • Environmental education
   • Restoration projects
Discussion

1. Research Proposal
   - Lack of knowledge
     → Reading scholarly articles
     → Work experiences

2. Plaster Creek Green Team
   - COVID-19
     → Masks, sanitation, and social distancing
   - Lack of knowledge
     → Work experiences
     → Coworkers
Conclusions

- Value of education as a scientific tool
  → Next generation of environmental leaders
- Satisfaction of restoration work
  → Hard work and hope can bring change