Sustainability: “Making an automated garden”

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Research Question

- How can making an automated school garden help 10-12th grade boys value sustainability?
Challenges

- Over estimating own abilities.
- Lack of programming knowledge base.
Key Findings

- Need for directions.
- Fear of failure.
- Strong effort to make it sustainable.
Benefits

- Collaboration
- Sharing ideas and knowledge
- Ownership
- Creativity
- Critical thinking skills
- Confidence
- Curiosity
Future Plans

- Cross curriculum - programming course.
- Create Maker spaces at our school.
- Develop more Maker inspired lessons across multiple disciplines.