Before the Water Runs Out: Educating Children
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**Project Goals**
- Develop a curriculum to educate students on water sustainability and engineering solutions
- Develop method for evaluating effectiveness of curriculum
- Fundraise for a rainwater harvesting system at Tatnuck Magnet School

**Water Scarcity**
By 2025, 40% of the world's population will be living with water scarcity. Today's children will be responsible for solving the water problems of the future.

**Accomplishments**
- Applied for and received a $4,000 grant to build rainwater harvesting system
- Wrote seven lesson plans and taught three of them to sixth grade classes
- Assessed students' growth using pre and post evaluation surveys
- Created a website to share our lesson plans. Visit us using this QR Code or at: users.wpi.edu/~psmith2

**Future Goals**
- Collaborate with Engineers Without Borders-USA WPI to build a rainwater harvesting system
- Improve garden and build rainwater harvesting system
- Implement last four lessons at Tatnuck Magnet School