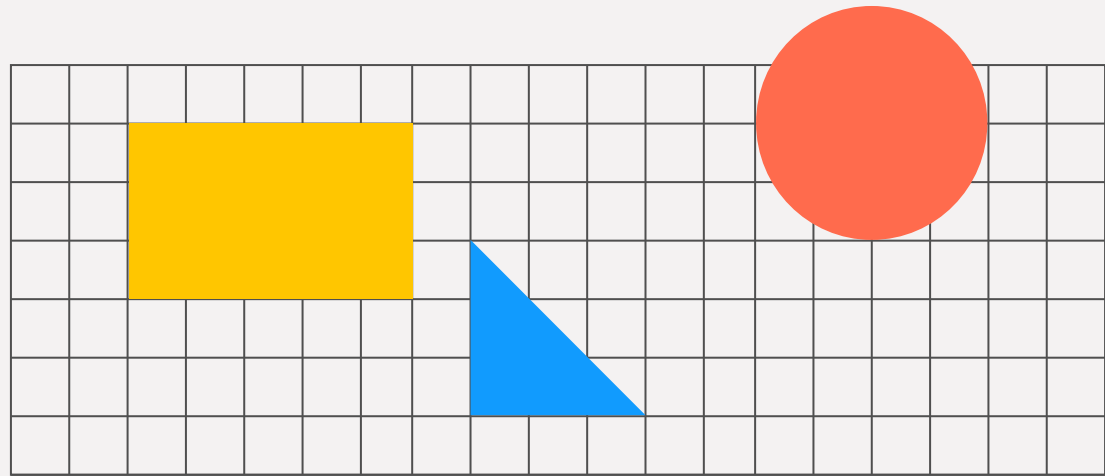


The Future of Water Infrastructure Education

By: Marques Rutlin, Sonia Sheryr, Alexandra Guerrero, and Payton Plummer



Introduction+System

RAISE
AWARE
NESS



- Ultimate Goal
- Understanding
- Complex/simple systems

- Awareness
- Complexity
- Interactive Activities

Stakeholders



Government

Internal
stakeholder

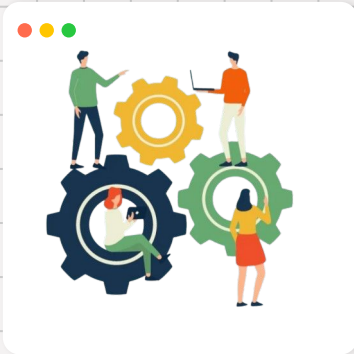
Students

Active
Stakeholder

Parents

Secondary
Stakeholder

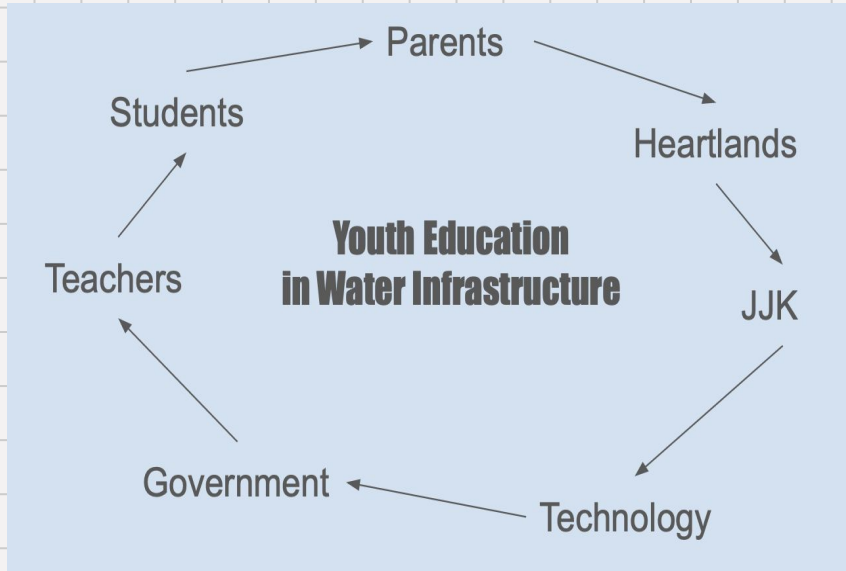
Stakeholder Participation



Stakeholder Participation is important because

- Improved decision making
- Greater project success
- Deeper understanding of community needs

Problem Support



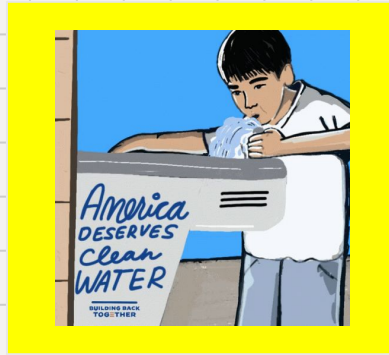
Our plan of support

- We use youth education to influence others. We aim to show the importance of water infrastructure and why teaching it to young kids can significantly impact the future.

Exposing kids

- Exposing children to places with natural bodies of water provides better knowledge and understanding of water infrastructure
- For active learning, children can participate in projects and water conservation analysis. Letting the kids research water and engage in water science, they can develop solutions and problem-solving tactics, all of which will open new ways of learning.

Problem Support



We are concentrating on elementary education and different aspects we can use to educate students of this age on the impact of learning about water infrastructure. By exposing them to knowledge of water's importance, they can pass this on to the next generation. Teachers should focus on three areas

- Curriculum development
- Collaboration with expert
- Field trip
- Hands on learning

Focus

Next Steps



- ➔ **Research**
 - What are other communities doing?
 - What is and isn't working?
- ➔ **Technology integration**
 - Social Media
 - Virtual Reality
- ➔ **Extracurriculars**
- ➔ **JJK & Heartlands**

Spring 2025 and Fall 2025