

# STEM+Computer Science

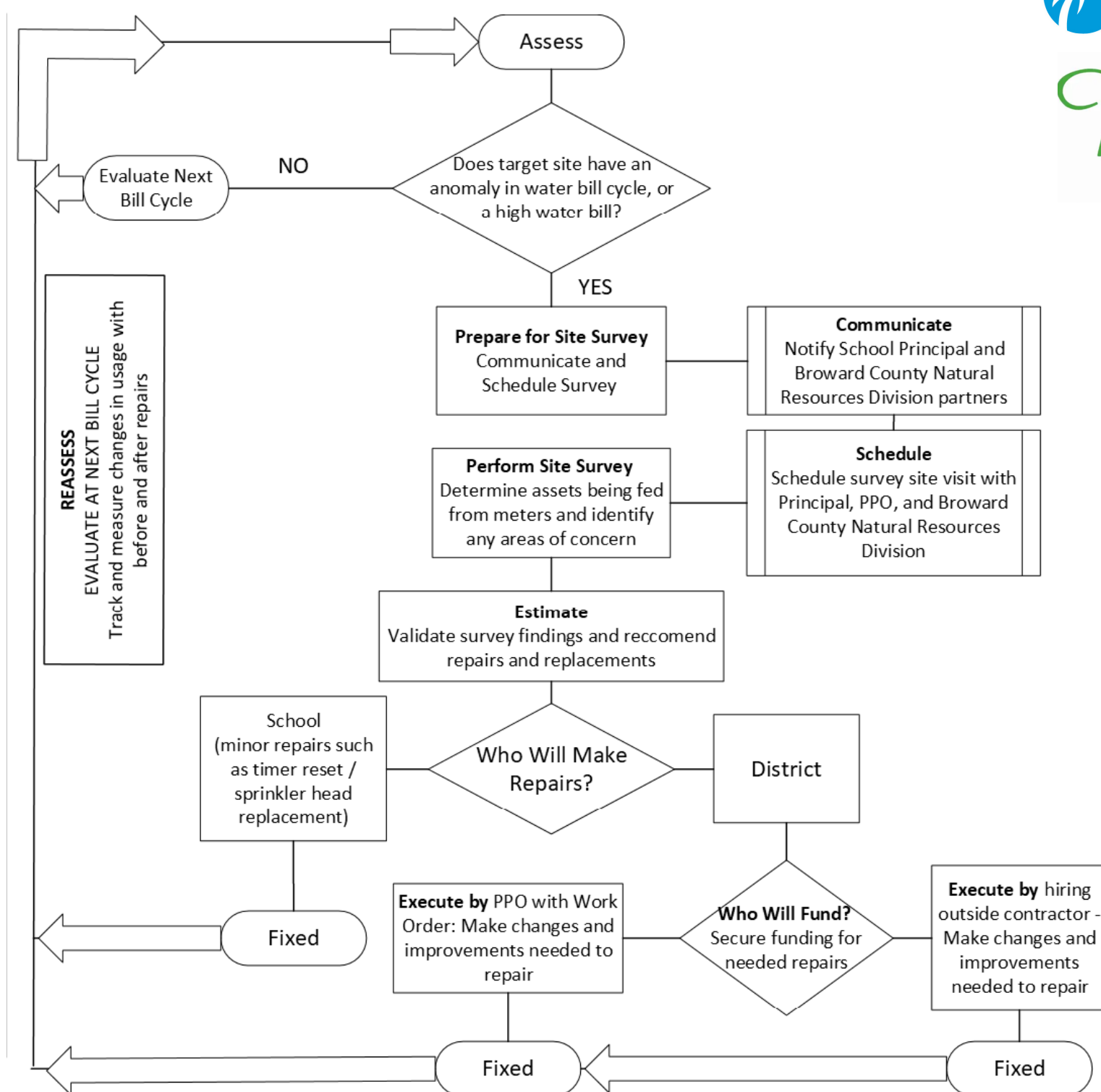
## For every student in every school

### NatureScape Water Audits

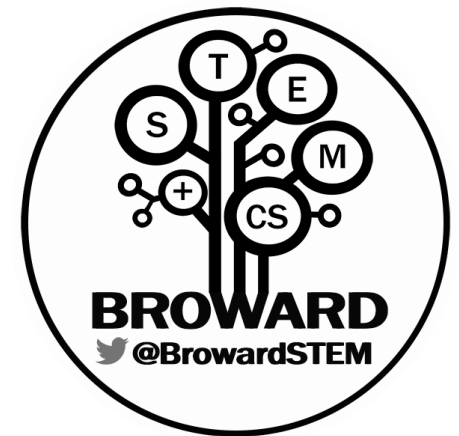
The Applied Learning Department, Physical Plant Operations (PPO), Environmental Health and Safety in partnership with Broward County's NatureScape Program within the Natural Resources Division are working to implement measures that promote greater environmental sustainability, including the protection and conservation of water resources, landscape and habitat improvements to SBBC facilities.

The anticipated monetary savings stemming from reduced water usage will first be realized by the District. Ultimately, the desired outcome is that individual schools will benefit from the cost savings from future improvements and repairs as a result of the combined conservation efforts.

#### Water Audit Flow Chart



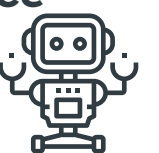
This flow chart describes the process of a water audit from start to completion.



**Hands-on problem-solving**



**Computer Science**



**Robotics**



**Engineering**

**Environmental Stewardship**



**Broward County Public Schools Applied Learning Department**

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[browardschools.com/stem](http://browardschools.com/stem)

Current

3 Year

5 Year



27 million gallons and  
\$134,000 saved

35 million gallons and  
\$160,000 saved

50 million gallons and  
\$200,000 saved

In the inception year of this formal audit program, 2018 - 2019, 23 million gallons of water and \$95,759 was saved.



**The School Board of Broward County, Florida** Lori Alhadeff • Torey Alston • Brenda Fam, Esq. • Daniel P. Foganholi • Debra Hixon • Dr. Jeff Holness  
Sarah Leonardi • Nora Rupert • Dr. Allen Zeman • Dr. Howard Hepburn, Superintendent of Schools

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