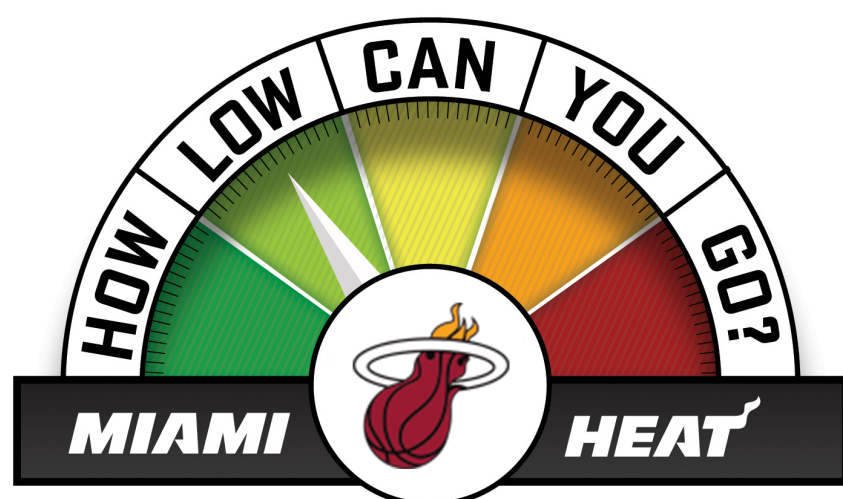


# STEM+Computer Science

## For every student in every school

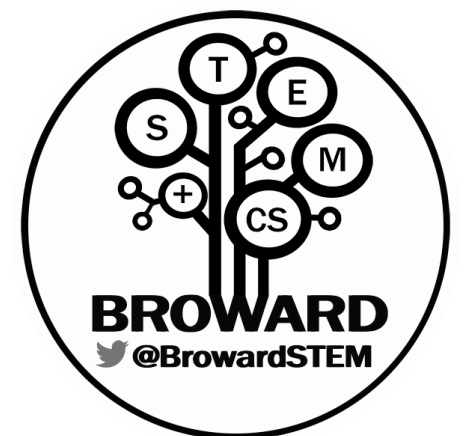
### How Low Can You Go?

- Challenging schools and empowering students to lower their carbon footprint by reducing energy, water, and food waste
- In partnership with Miami Heat
- Championship banner, plaque, and recognition at a Miami Heat game for the winning school
- Miami Heat Pep Rally at winning school



<https://www.howlowcanyougochallenge.com>

Recognized by the White House, NOAA and National Geographic as an innovative community project to raise awareness of the effects of CO2 emissions on the environment and change behaviors

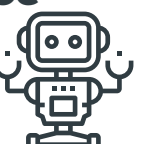


*Hands-on problem-solving*



Computer Science

Robotics



Engineering

Environmental Stewardship

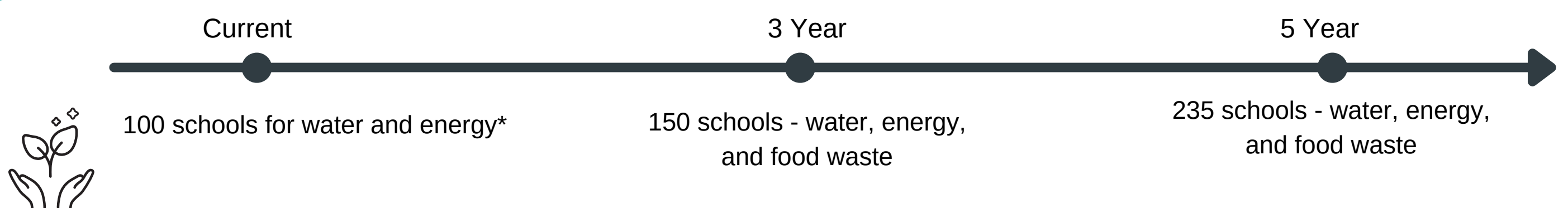


**Broward County Public Schools  
Applied Learning Department**

Susan Cantrick, Director

Dr. Lisa Milenkovic, Supervisor, STEM+CS

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



\*2019-21 participation = 28 schools, lower due to the COVID-19 pandemic.  
2021 water and food waste added. 2018-19 participation = 62 schools

#### Over the past eight years:

- Reduced over 14,000,000 kWh
- Energy cost savings over \$1,260,174
- Reduced CO2 emissions by 22,455,244 lbs.
- Reduced water by over 32,000,00 gallons
- Water cost savings of over \$158,137



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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