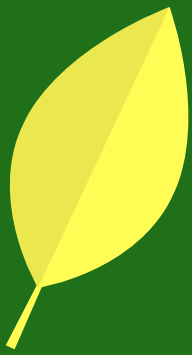


GREEN SCHOOLS CHALLENGE

EVIDENCE-BASED STUDY

10/01/2015 - 09/30/2016

WWW.DREAMINGREEN.ORG



INTRODUCTION

The project involved the implementation of an in-depth study to transform the Green School Challenge from a practice-based to an evidence-based program.

AREA

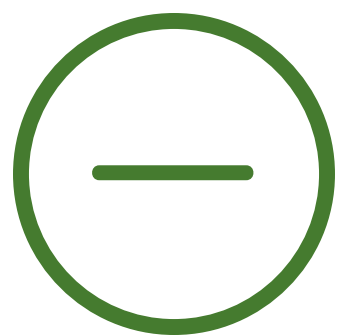
Miami-Dade County Public Schools is the 4th largest school district in the United States, comprised of **392 schools**, **345,000 students** and over **40,000 employees**. With close to **400 facilities**, a **\$61 million annual utility budget** and water consumption at **2.6 million gallons per day**.

REACH

The program involves **more than 100 schools** a year in Miami-Dade County, **over 10,000 students** and **1,000 school staff members** in Green Teams. Indirectly, the program reaches **more than 100,000 students** and **10,000 school staff**. Given the programs' reach, Dream in Green explored impact from the perspective of students, teachers and parents.

CHALLENGE

The US Environmental Protection Agency predicts that Florida will see a **rise in sea level of about one meter by 2100**.



GOALS / EFFECTS

Dream in Green's flagship program, the Green Schools Challenge, was in its **10th year of implementation**. DIG researched the impact on school staff, parents and students' understanding of the effects of climate change on the environment; behavioral changes; student empowerment and leadership building; and encouragement of STEM careers.

RESULTS

- ★ Among the **771 survey participants**, there was a net increase in knowledge gained, with **students experiencing the largest gain**.
- ★ There was **clear, positive impact** on students' and teachers' behaviors.
- ★ The **386 student participants** strongly believed **their actions can impact the community**.
- ★ **Students are more inspired** by those who are committed to helping the planet and are also **more interested in science** than the previous year.

FEEDBACK

- 100%** Positive feedback from teachers, students and parents.
- 95.6%** of surveyed parents, students and teachers consider the program useful/somewhat useful.

The study was conducted in collaboration with Florida International University. The data collected for this study comes from qualitative and quantitative surveys and focus groups which were implemented in 2015-2016.