
BOOTSTRAP

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July 23rd-24th, 9am-4pm

Ransom Everglades School
2045 South Bayshore Drive
Coconut Grove, FL 33133

Algebraic Videogame Programming



A Workshop for Math and Technology Teachers

Teach Your Students to Program, Mathematically

Bootstrap teaches students to program their own videogames in an *algebraic programming language*, exposing them to key concepts aligned to Common Core Standards. Middle- and high-school teachers around the country have implemented the curriculum as a one-month module, a weekly activity or an afterschool program. Bootstrap is a free curriculum that reaches hundreds of students each year, and has been recognized by the National Science Foundation, Google, and Microsoft.

In Bootstrap, Your Students will Explore

- Solving word problems
- Coordinate planes and Graphing
- Functions and Variables
- Function Composition
- Inequalities in the Plane
- The Pythagorean Theorem

In this Workshop, You Will

- Participate in a real, classroom demonstration of the curriculum
- Build a videogame, using pure algebra
- Learn how the Common Core Standards for algebra can be met through a STEM-focused programming curriculum
- Explore cutting-edge research on algebra education

To Register: <http://bit.ly/bootstrapFL>

Cost: \$250 for non-Everglades staff. Includes registration, curricular materials, as well as all four meals.

For more information, contact
Emmanuel Schanzer
Bootstrap Program Director
schanzer@bootstrapworld.org
(617) 792-2438

Hosted by...

