

Miami-Dade's iPrep Math Classroom of the Future

Miami-Dade County Public Schools has partnered with Carnegie Learning for more than 15 years to increase student math achievement in the district.

In 2002, the Reliability Group, an independent third party, conducted a study involving 6,395 high school students. The study concluded that students using the Carnegie Learning® curriculum scored significantly higher on the Florida Comprehensive Assessment Test (FCAT) than students using a different curriculum. The difference was particularly pronounced for Exceptional Education and Student Services students, including those with learning and behavioral difficulties, and for students with Limited English Proficiency.

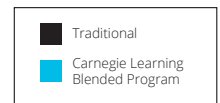
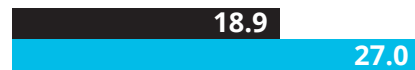
ALL STUDENTS



ESE STUDENTS



LIMITED ENGLISH STUDENTS



Percentage of students scoring 3 or higher on the FCAT

In 2013, Miami-Dade County Public Schools launched a new iPrep Math Program with a \$30M Race to the Top Grant. The program involves 49 middle schools with approximately 240 students per school, with the following goals:

- Implement personalized student learning
- Improve student achievement and educator effectiveness
- Close achievement gaps
- Prepare every student to succeed in college and career

The district created innovative learning environments in these schools, including large open spaces, flexible furniture, and cutting edge technology. Students are given group instruction as well as time to work together in small groups and present their work to each other, even writing on the walls!

Miami-Dade County Public Schools Demographics:

- **Grade Level:** PreK-12
- **Enrollment:** 356,086
- **Community:** Urban
- **Race:** 70% Hispanic/Latino, 21% Black, 7% White
- **Special Education (ESE):** 22%

The district uses the Carnegie Learning Middle School Math Solution with students in this iPrep Math model. "The Carnegie Learning curriculum, both textbook and software, have been vetted by our team for alignment and rigor, and we have found it to be highly correlated to the tasks our students need to be proficient on as per our Florida Mathematics Standards," says Dr. Iliia Molina, Executive Director, iPrep Math. "Longitudinal data shows that schools that use the adaptive software consistently and with high proficiency also show higher proficiency levels on the state assessments.

We have also worked with Carnegie Learning to provide in-depth professional development and job-embedded coaching support to 49 schools (approximately 137 teachers) per year. Teacher feedback is always very high, and comments usually include that it is one of the best professional development sessions they have ever attended."