



COMBINED-LEVEL SCHOOL

# Plantation Key School Tavernier, FL



## Project in Progress

Entire school/campus building

### Zyscovich Architects

100 N Biscayne Blvd., 27th Floor  
Miami, FL 33132  
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Jose Murguido, AIA, REFP, CEFP  
305/372-5222

### DESIGN TEAM

Fran Pickett & Associates, Inc., Ed Spec Alignment  
Anston-Greenlees, Inc., M/E/P/FP Engineering  
DDA Engineers, PA, Structural Engineering  
Perez Engineering & Development, Inc., Civil Engineering  
Curtis + Rogers Design Studio, Inc., Landscape Architect

### OWNER/CLIENT

Monroe County School District  
Tavernier, FL  
Mark T. Porter, Superintendent  
305/293-1400

### KEY STATS

Grades Served: PreK-8  
Capacity: 650 students  
Size of Site: 9.5 acres  
Building Area: 100,000 gsf  
Space per Student: 154 sq. ft.  
Cost per Student: \$49,230  
Square Foot Cost: \$320  
Project Cost: \$32,000,000  
Completion Date: August 2018  
Sustainability Rating Status: Targeting Two Green Globes

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The new Plantation Key School will inspire collaborative learning for the next generation of Florida Keys students. The design blends cohesively with the Keys vernacular style, and the program and curriculum take full advantage of the school's privileged location, where the economy is based on both environmental stewardship and a vibrant hospitality community. The technologically advanced and adaptable spaces aid the new project-based learning curriculum, stimulating a love for learning at a young age.

Learning in a subtropical island environment presents benefits and challenges, ranging from a flora and fauna unlike any other in the United States to an awareness of the effects of hurricanes and storm surge. The delicate ecosystem is at the mercy of powerful forces including climate change and economic development. The school is set up to address this, with specialized Labs that engage students in:

the marine and earth sciences via the Think Tank Lab, the Science on a Sphere Lab, outdoor Science Gazebo, and a small dock on the saltwater cove; hospitality and nutrition via the Jamie Oliver Lab and outdoor hydroponic garden; and the performing and visual arts via the Carnegie and DaVinci Labs. There is also a Maker Lab, focused on design and engineering, that will introduce a "design/model/build" approach to problem solving across all curriculum areas.

Despite the custom school design, the overarching theme for the project is maximum flexibility to accommodate the future. The furniture is movable and multi-purpose, and the technology can be easily replaced with the next big thing. The school building, curriculum, and activities are designed to become a whole system, integrated and evolving with the larger "Labs" of the site and community of islands.