

FALL 2024

LEARNING BY DESIGN

THE PREMIER SOURCE FOR EDUCATION DESIGN INNOVATION AND EXCELLENCE

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HIGH SCHOOL | NEW CONSTRUCTION | ENTIRE BUILDING

Porter Family Center for Innovation & Academics at Lake Highland Preparatory School

Orlando, FL



The Porter Family Center exemplifies a commitment to providing an elevated educational experience. Guided by the 2018 Strategic Plan, stakeholders, including parents, faculty, staff, trustees, alumni, and students, collaboratively shaped a trajectory to enhance learning environments, pedagogy, and innovation.

The new facility, replacing two existing structures, was designed to maintain academic operational continuity during construction. Critical infrastructural upgrades integrated power, communication, IT, and security services into the new facility before demolishing the old buildings.

Strategically placed, the new building promotes transparency and connection within the local ecology. The south emanates a welcoming warmth as a new front door, while the north prioritizes transparency, bathing

classrooms in natural light, showcasing Lake Highland's scenic views.

Complemented by versatile learning studios, robotics center, maker spaces, and collaborative areas, the Innovation Hub fosters collective engagement. Flexibility and adaptability are central to the design with STC-rated operable partitions reshaping spaces as needs evolve.

A social stair connects the library to a floating platform for teamwork and circulation, complemented by vibrant graphics highlighting school history. Modular furniture ensures variety and accessibility, while interconnected classrooms and flex-spaces embrace fluid learning experiences. Geometric ceiling baffles and lighting accents enhance common areas with biophilic elements woven throughout.

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DESIGN TEAM

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OWNER/CLIENT

Lake Highland Preparatory School Porter Family Center
for Innovation & Academics
Orlando, FL
James A. McIntyre, President

KEY STATS

Grades Served: High School
Capacity of Students/Occupants: 594
Size of Site: 22.53 acres
Gross Area of Bldg./Space: 71,000 gsf
Space per Student: 120 sq. ft.
Cost per Student: \$48,822
Square Foot Cost: \$408
Project Cost: \$29,000,000
Occupation Date: 8/10/2023

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