



MOSHIER STUDIO

ARCHITECTURE • INTERIORS • PLANNING • SUSTAINABLE DESIGN

Carriage House Children's Center

PITTSBURGH, PA

BUILDING TYPE: RENOVATION | CLIENT: CARRIAGE HOUSE CHILDREN'S CENTER
ARCHITECT: MOSHIER STUDIO



The Carriage House Children's Center is an early learning and childcare center located in the lower levels of the historic 1890s Wightman School Community Building in Squirrel Hill. Renovation to their 9,720 square foot facility emphasized green design and included a comprehensive over-

haul of the HVAC system. The results were an increase in programming space by over 2,000 square feet, a savings of over 25% on energy costs, and the stabilization of fees paid by other non-profit tenants.

The Carriage House Children's Center has further distinguished itself in the marketplace by receiving **LEED® for Existing Buildings Gold** certification, only the second Existing Buildings certification in Pennsylvania, and the very first early learning center in the nation to meet this rigorous standard.

Sustainable Features

- + **Sustainable Sites:** Green site exterior building maintenance plan, access to public transit, preferred parking for alternative fuel and carpool vehicles
- + **Water Efficiency:** Low flow plumbing fixtures, waterless urinals
- + **Energy & Atmosphere:** Retro-commissioning, insulation of the basement walls and attic, increased efficiency through boiler and lighting upgrades
- + **Materials & Resources:** Use of non-toxic materials, recycling of over 40 tons of construction waste which diverted 95% of waste from landfills, reduced mercury in lamps
- + **Indoor Environmental Quality:** Green cleaning, construction IAQ plan, extensive use of daylighting, low impact pest management program

Project Team: Moshier Studio, BDA Engineering, Carlins Consulting, Watson Engineers, Jendoco Construction, Inc., Elk Air Conditioning

Square Feet: 9,720 | Construction Cost: \$2,200,000 | Completed: 2009