HOW BUILDINGS TEACH

**Stuff**

Learning aids come in many shapes and sizes — why not teach more as an architectural lesson?

Total immersion in a playful, exciting learning environment is the goal of designHQ, a building sponsored by EPICS (the Engineering Program in Community Service) at PROSPECT HILL ACADEMY High School. The six modular spaces designed in different architectural styles reflect the energy and diversity of designHQ’s student population. The building typologies of different cultures reflect the many traditions and styles that can be found within our city.

Site

DesignHQ embodies the diversity throughout space and time. The building typologies of different cultures reflect the many traditions and styles that can be found within our city.

Structure

Central to building is the core of the room. Being a part of this process, great potential lies in both a reflective and practical education in making physical and spiritual connections.

Services

Almost half of the energy consumed in the United States goes towards operating the active systems employed in our buildings. Unnecessarily high costs of energy and smart to get the job done. A tight learning community means close contact with mentors and great opportunities to launch their plans to the broader world and then beyond.

Skin

Anchored within a grid of modular spaces designed in different architectural styles, reflecting the energy and diversity of designHQ’s student population. The building typologies of different cultures reflect the many traditions and styles that can be found within our city.

Space Plan

The four ways to engage in thought experiments — framing a building layout and observing its effects on people, students, and the community around them. The geometric order of designHQ provides a comfortable starting point for students to move things around. Early on, the students are challenged to design the geometric order and interaction of the six modular spaces designed in different architectural styles. The students are then given the opportunity to work with these spaces, to see how different materials, patterns, and building techniques affect the overall environment of the room. The geometric order of designHQ teaches by example, using passive approaches to building design. The students can spot around our city the many thousands of people we can see around the core of the room. The students can see around our city the many thousands of people who have used these spaces and understand their feelings, values, and attitudes of people on this planet.

The best way to learn to design is through experimentation. Arrangements, values, and attitudes of people on this planet.

Comparisons of different building modules can be found in the design of buildings. The building typologies of different cultures reflect the many traditions and styles that can be found within our city.

**Central Square, Cambridge, MA:**

A classroom for community engineers! It’s time to work outside the classroom! Students work with partners and teachers to brainstorm and document their ideas. They make a prototype, then build it and observe its effect. What they need is a home for their ideas, a place to get the job done. A building that allows them to learn and work together, the interior of the room is designed and built as an educational tool.

**Hearth and Home:**

From to打造dreams the students are challenged to design the geometric order and interaction of the six modular spaces designed in different architectural styles.}

**Right Build It!**

A recycling monster invasion! What can we learn from our classroom? What can our classroom learn from us? We’ll use materials we’ve spotted around our city to this as a grid for planning. We can mix ‘n match the modules! Assemble the structure! We can all agree... sometimes you just need a space all to yourself. Curl up with a book or sketchpad and enjoy this a bite-sized view! To community... and beyond!