The School Building as a Teaching Tool

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... dedicated to advancing public interest and education in architecture and related design.
224 South Michigan Avenue, Chicago
www.architecture.org
CAF’s K - 12 educational resources in sustainability and green design
Schoolyards to Skylines: Teaching with Chicago’s Amazing Architecture

- K-8th grade teacher resource, 500 pages
- Math, Science, Social Sciences, Language Arts, Fine Arts lessons
- 2005 National AIA Honor Award
- Hands-on activities teach sustainability
> First high school architecture text in the nation

> 300-page student edition and 600-page teacher edition

> uses green home as case study building

> 2009 national AIA Honor Award

> hands-on activities teach sustainability

www.TAH2.org [beta]
digital, interactive curriculum for HS students

Students investigate the design and construction of green schools
sun
land
wind
water
Space planning / Circulation

Clients / Functions of rooms

Air movement through rooms

Active vs. passive mechanical systems

Orientation and sun path

Permeable vs. impermeable ground cover
Space planning / Circulation
Math

Clients / Functions of rooms
Social Sciences, Language Arts

Air movement through rooms
Science, Geography

Active vs. passive mechanical systems
Science, Math

Orientation and sun path
Science, Geography

Permeable vs. impermeable ground cover
Science