

common design language facilitates *sharing creations*, promotes *appropriation*, builds *collective intelligence*

it's the school building itself!

ting-bing is a system of architectural building components that enable high school students to design and build their own learning space. It provides true physical immersion for the constructionist learner: students are encouraged to tinker, create, and share their own layout for the classroom or design learning modules that fit into a common core. All components are designed for dis- and reassembly, allowing successive groups of students to experiment with the joys of building.

thinking ting•bing building

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MAS.714: Tech. for Creative Learning
Fall 2009

constructionist architecture for adventure classrooms

“...in thinking of what “Mathland” might mean, the room, and not the computer screen, is the most tasteful and productive grain size of design for educational technology.”

(M. Eisenberg, “Mindstuff”)

ROOFTOP OBSERVATORY
SOIL TEST KIT, NEIGHBORHOOD MAP, LIVING MACHINE

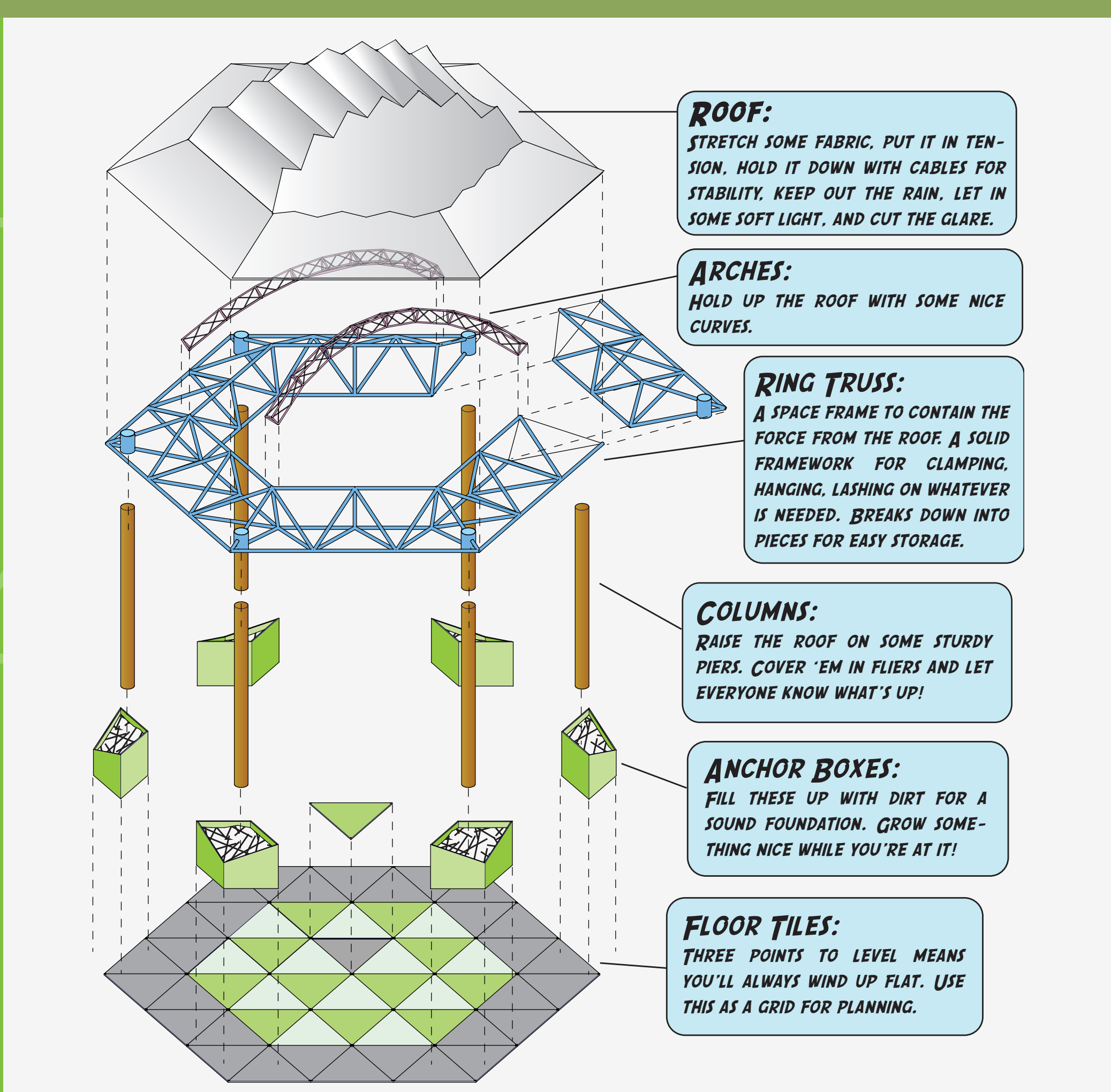
POWER PLANT
THE ENERGY MODULE ALLOWS US TO EXPERIMENT WITH GREEN POWER! IF WE CHART HOW MUCH ELECTRICITY OUR CLASSROOM USES, CAN WE MATCH IT WITH ENERGY FROM THE SUN AND OUR BODIES? RIDE A BIKE TO SCHOOL AND SEE!
SOLAR PANELS, ENERGY CHART, BICYCLE GENERATORS, BATTERY BANK

ECOLOGY LAB
DESIGNED WITH OUR FEARLESS LEADER, MR. MORETTI, THE ECOLOGY STATION GIVES US THE TOOLS WE NEED TO STUDY BUILT AND NATURAL SYSTEMS IN THE COMMUNITY AROUND US.

READING ROOM
WE CAN ALL AGREE... SOMETIMES YOU JUST NEED A SPACE ALL TO YOURSELF. CURL UP WITH A BOOK OR SKETCHPAD AND ENJOY A BITE-SIZED VIEW!
CUSHIONS, PORTHOLE VIEWS, BOOK STORAGE, PERSONAL PODS

MEDIA LAB
EVEN A LITTLE TECHNOLOGY CAN GO A LONG WAY. TOOLS TO DOCUMENT AND PRODUCE MEDIA FROM OUR ACTIVITIES & SURROUNDINGS IS A MUST. A MOBILE MEDIA KIT ALLOWS US TO ROOM AND IT TO PACK UP SAFELY AT NIGHT.
MIC, GREEN SCREEN, MOBILE CASE

A library of plug-in modules provides activities for multiple intelligences. Student-designed modules can be shared and built by students at other schools using the common core.



adventure playgrounds:
build-your-own-space to PLAY

adventure classrooms:
build-your-own-space to LEARN (by playing!)



Three ways to build are provided to maximize opportunities for creativity and expression of desires: virtual CAD design, physical modelling, and the rugged life-size structural components.

virtual

model

life size

transmedia navigation

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MAS.714J / STS.445J Technologies for Creative Learning
Fall 2009

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