Tinker Teacher Maker Space

Two Co-working Experiments in the Academic Library

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Make

How to Set the Stage for Creative Collaboration Scott Doorley and Scott Witthoft with a foreword by David Kelley

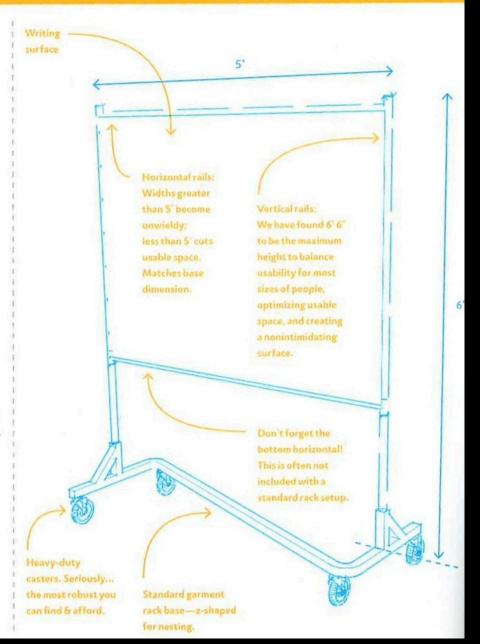


Easy-to-build dry-erase surfaces transform the working style of a space.

z-rack

One of the most enduring artifacts in the d.school, the Z-Rack, is actually a modified garment rack. When outfitted with a common construction material—showerboard—the Z-Rack becomes a deployable dry-erase surface.

This model is a fraction of the cost of a typical rolling dry-erase board, super-sturdy, easy to build, and large enough to act as a partition in the work space. The Z-Rack is great for subdividing large areas and creating differently scaled team work spaces.



build instructions

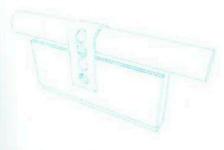
writing surface construction

Create a sandwich of showerboard panels laminated to a center panel of 1/2" -thick foamboard or 1/4" plywood. The result will be a dual-sided, rigid surface. It can be tricky to balance overall panel stiffness with weight—the center panel should be as stiff & light as possible.

writing surface attachment

Attach the writing surface to the Z-Rack frame using perforated galvanized steel strapping. Drill through-holes in the writing surface and attach at the two top & two bottom corners along the horizontal rails.

Metal strap attachment



showerboard or tileboard

The surface of this standard construction material works very well as an inexpensive and hackable alternative to commercially produced dry-erase surfaces. Eventually the surface will start to show residue and "ghosting"; water and a towel work surprisingly well for cleaning!

sourcing

garment ("Z") racks

The d.school has used the 6' tall double-rail Z-Racks with 4'- and 5'-long bases; locking casters are available at additional cost.

Sean James Enterprises, Inc. (425 Tribble Gap Road, Cumming, GA 30040; 888 866-9826; www.garmentrack.com)

showerboard

Showerboard is available at most home centers and local lumber suppliers.

Pine Cone Lumber (895 East Evelyn Avenue, Sunnyvale, CA 94086; 408 736-5491; www.pineconelumber.com)

foamboard

Arch Supplies (99 Missouri, San Francisco, CA 94107; 415 433-2724; www.archsupplies.com) ULINE Shipping Supply Specialists (800 958-5463; www.uline.com)

casters

Street, San Leandro, CA 94577; 510 569-8303; www.icwco.com). Reference Stanford d.school red caster in 3" or 5".

California Caster and Hand Truck Company (1400 17th Street, San Francisco, CA 94107; 800 950-8750; www.californiacaster.com)

Industrial Caster & Wheel Co. (2200 Carden

hardware

Perforated steel strapping and flexible steel "tape" are available at local hardware stores and home centers.

McMaster-Carr (600 North County Line Road, Elmhurst, IL 60126; 630 600-3600; www.mcmaster.com)

see also

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Tools_HACK: Showerboard Dry-Erase Surface

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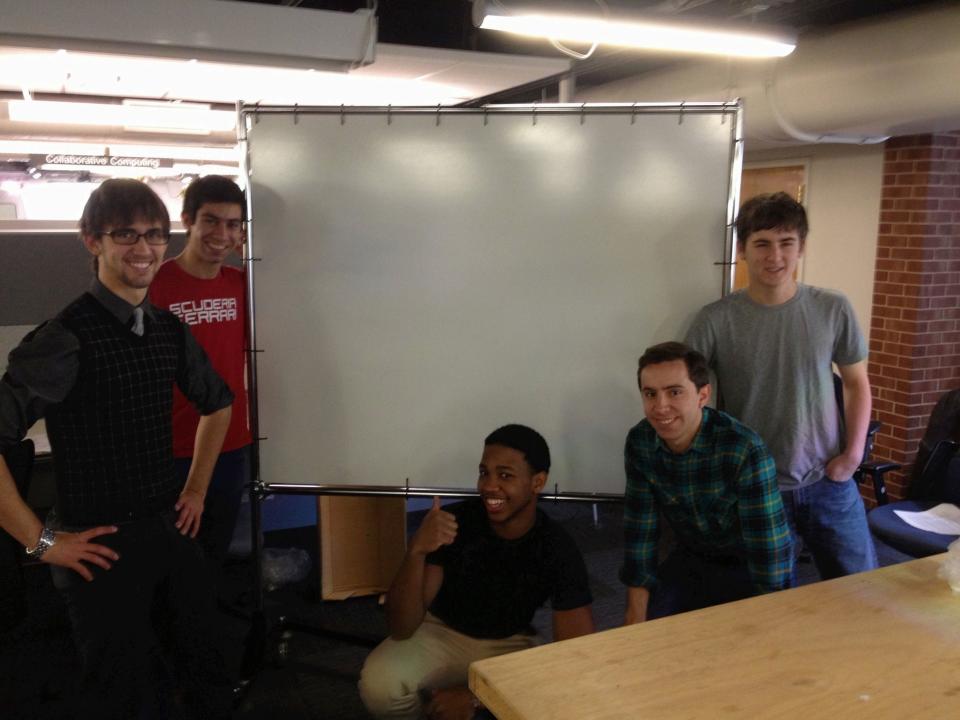
Tools_Whiteboard Sliders

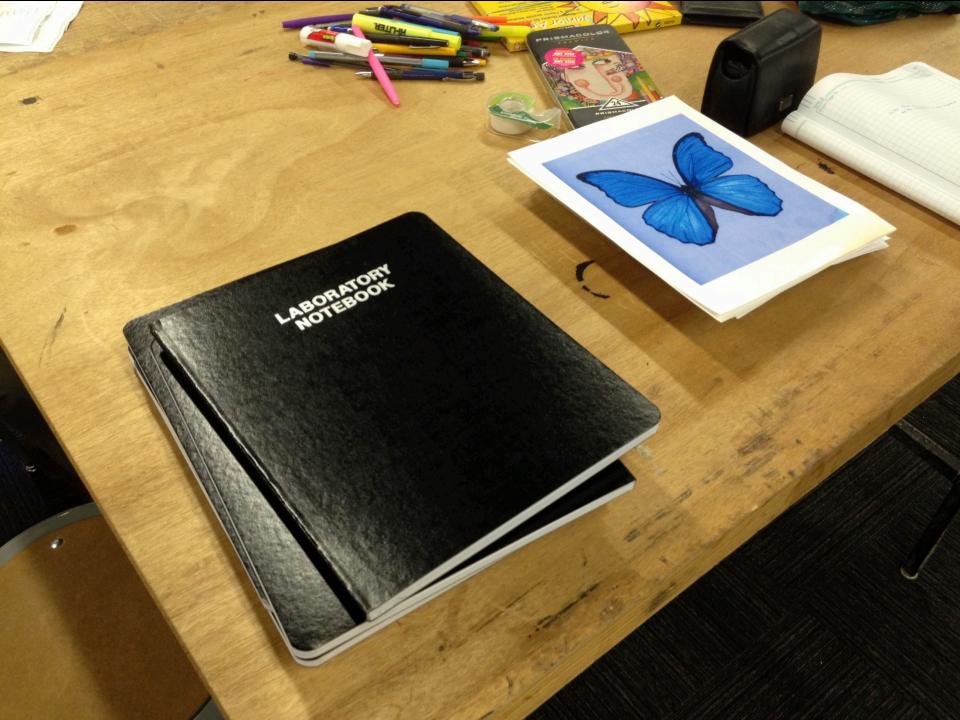
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Tools_Writable Surfaces Everywhere











First and foremost,
there must be
ease,
relaxation,
and a general sense of
permissiveness.











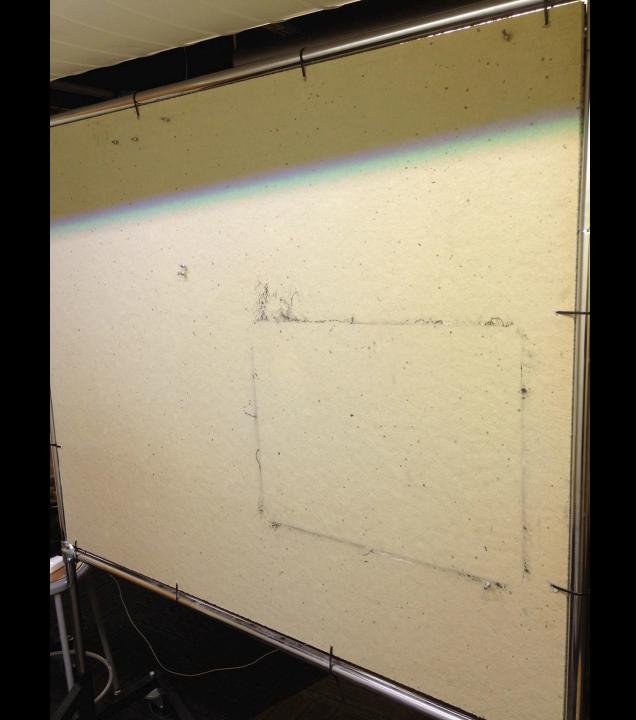
















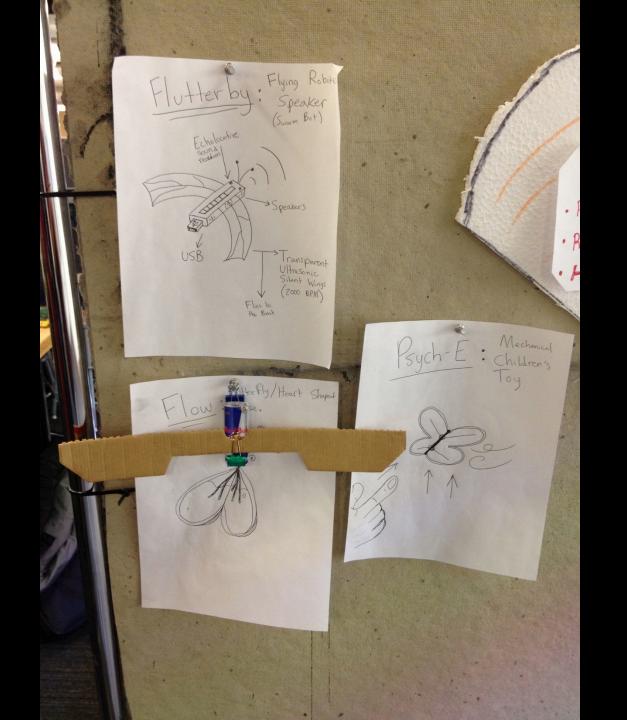


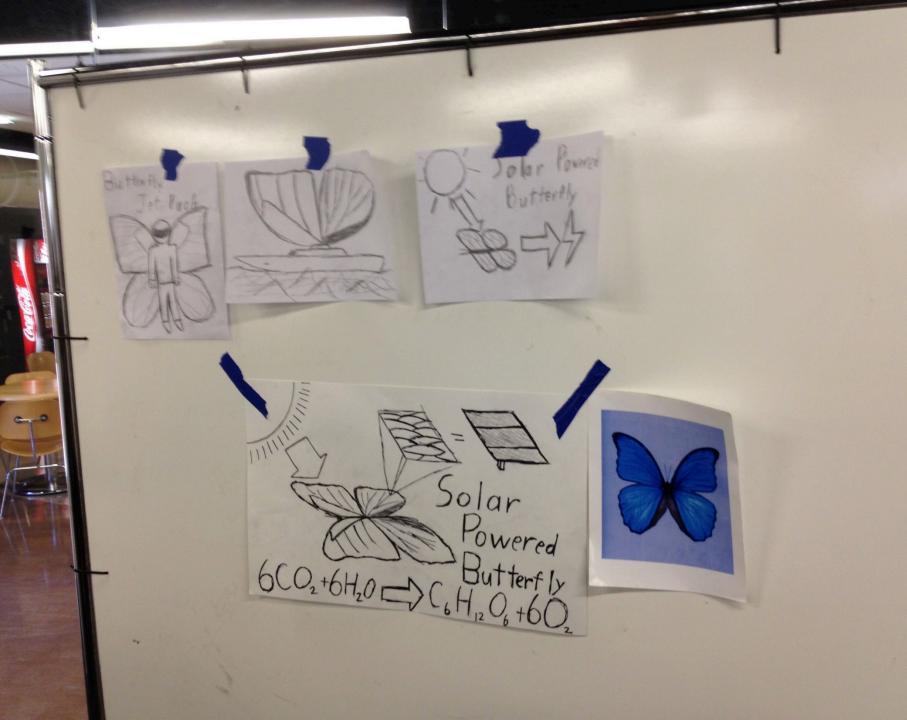
















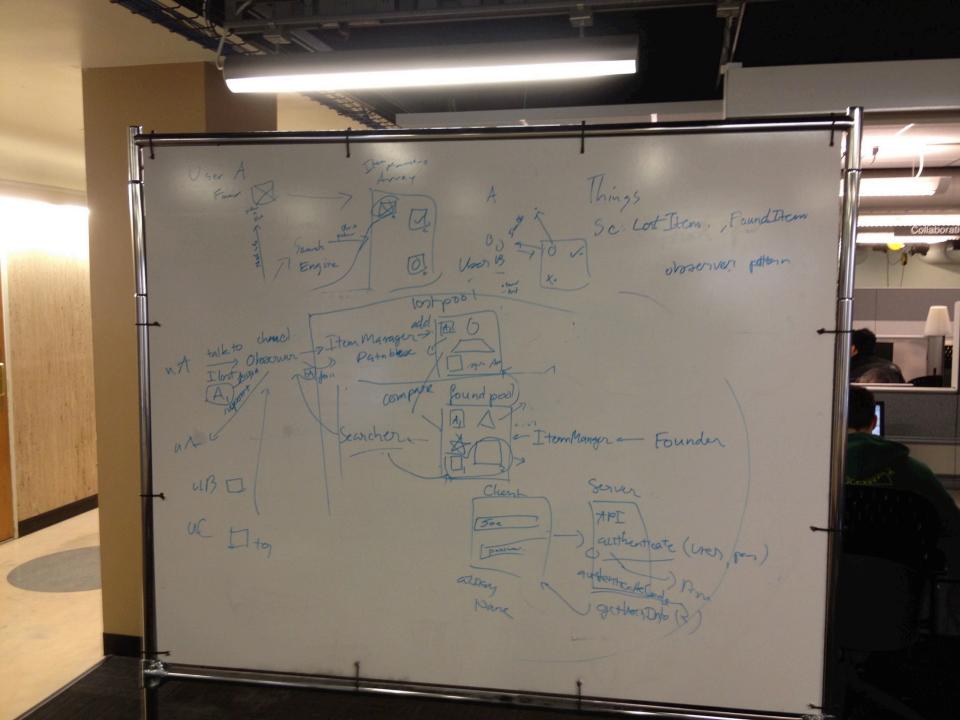








It seems to me then that the purpose of cerebration sessions is not to think up new ideas but to educate the participants in facts and fact-combinations, in theories and vagrant thoughts.





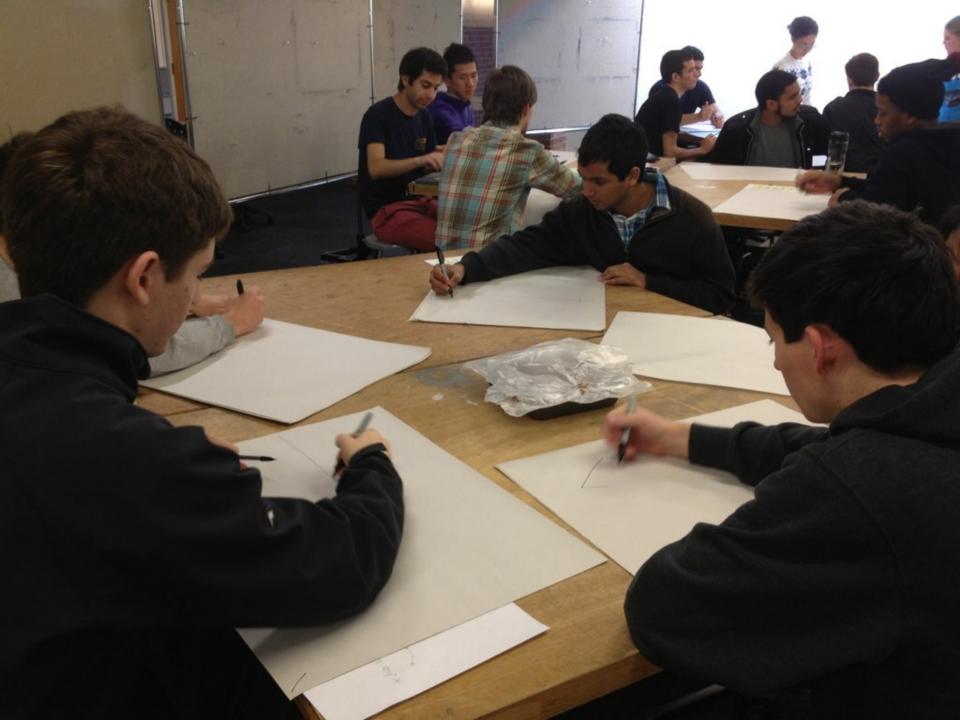


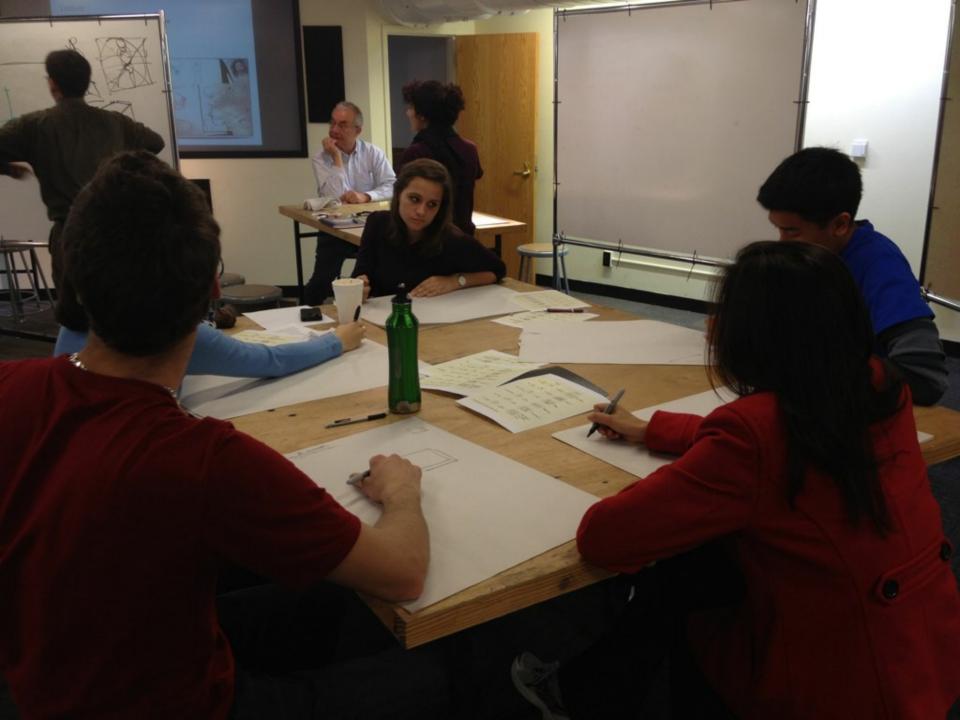
I do not think that cerebration sessions can be left unguided. There must be someone in charge who plays a role equivalent to that of a psychoanalyst.

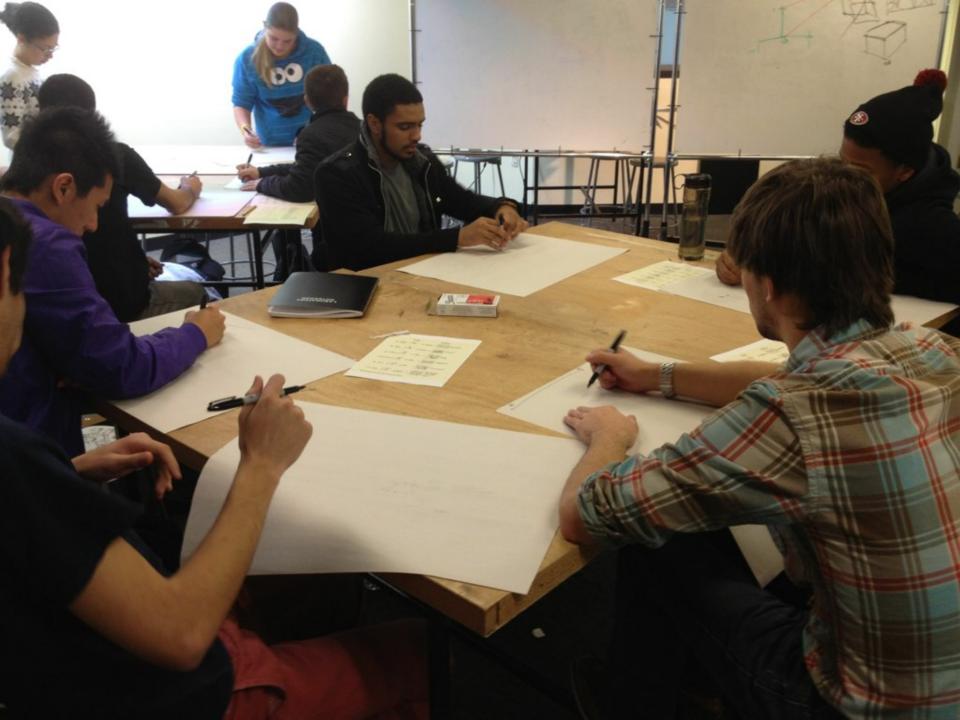


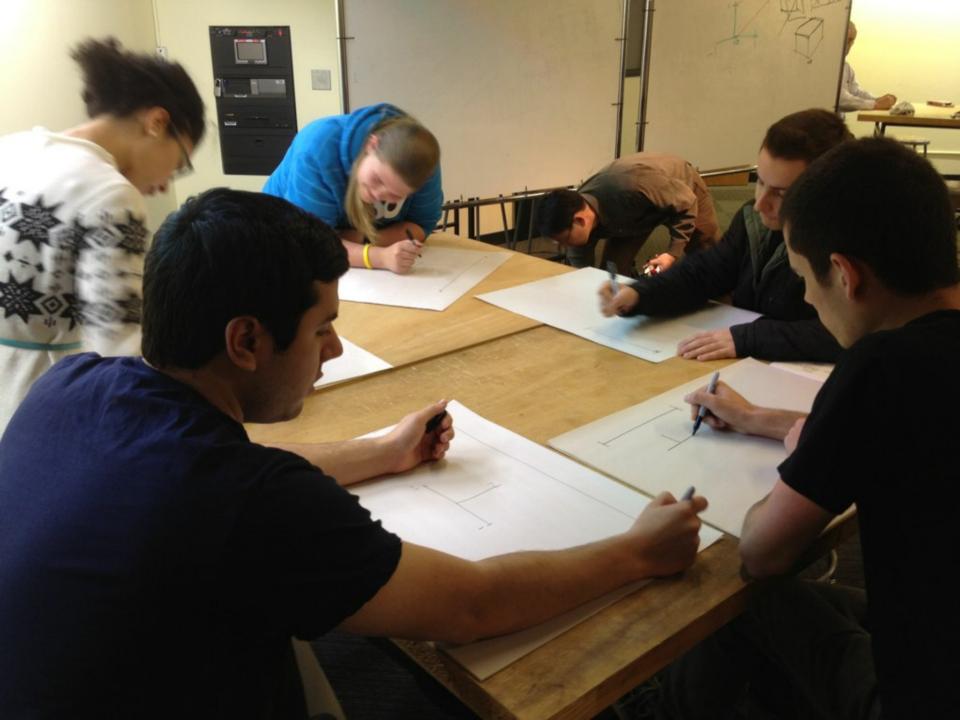










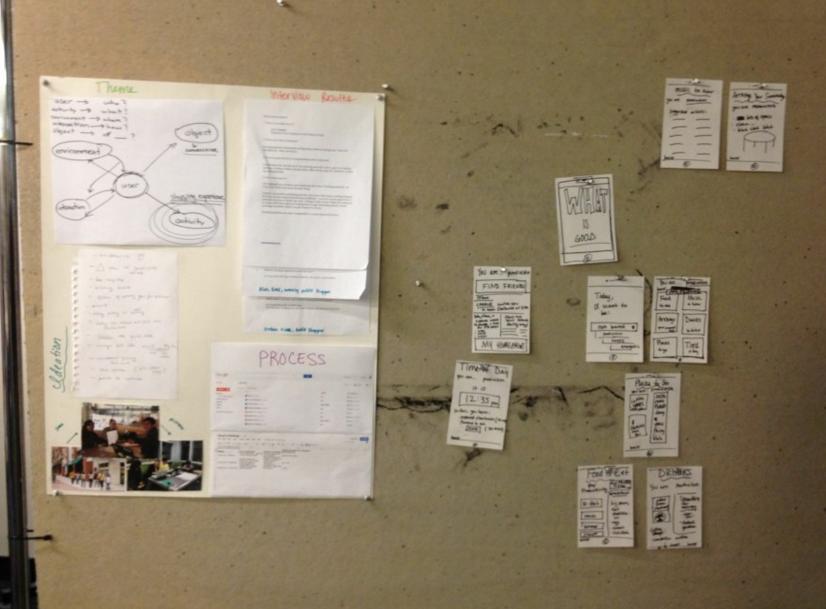
















Compact Cleaner

Interview Feedback

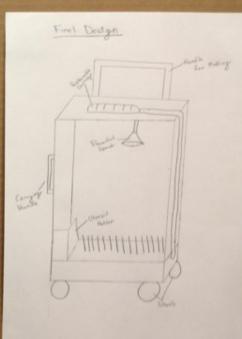
Prospective Consumers' Input

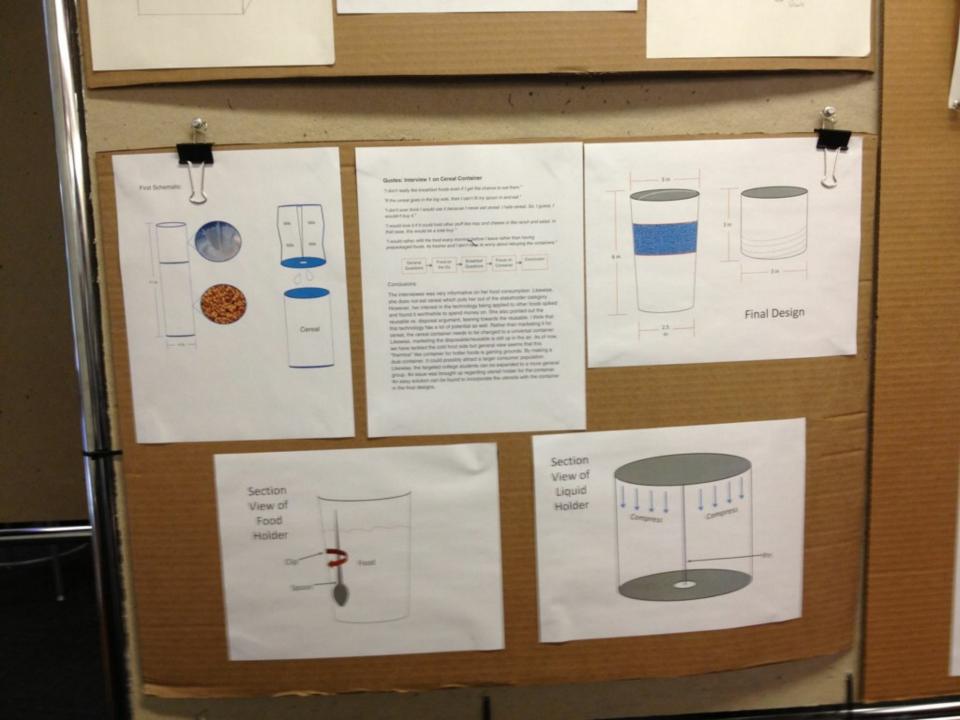
· Pro

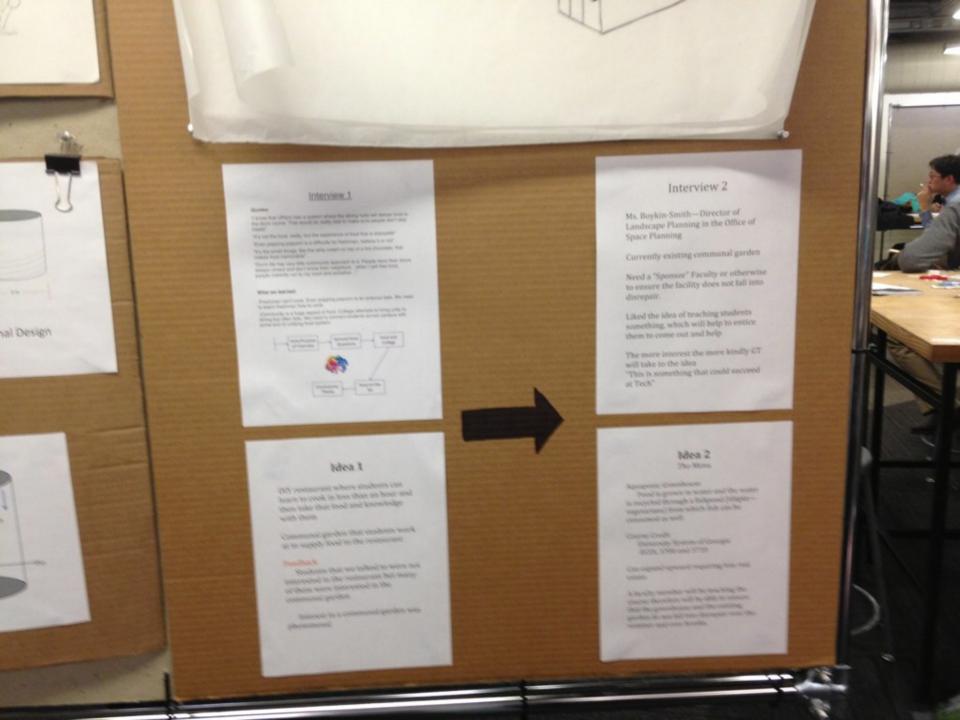
Organal Prototype

- "When I'm on the go and since I don't have many dishes, I guess it could save me money and time."
- "It's a good price for a dishwasher especially considering most normal family sized machines are like really expensive."
- "I would rather use the portable dishwasher, because it seems easier and smaller and especially because I'm really busy this semester."
- . Cons
 - "Sounds cool, but I wouldn't want to have to clean the filter or really do any work involved."
 - · "I don't really see the point if you have to clean out the filter."
 - . "I never clean dishes. I use paper utensils because I hate washing dishes."
 - . "...wouldn't it get kinda heavy with the dishes inside?"





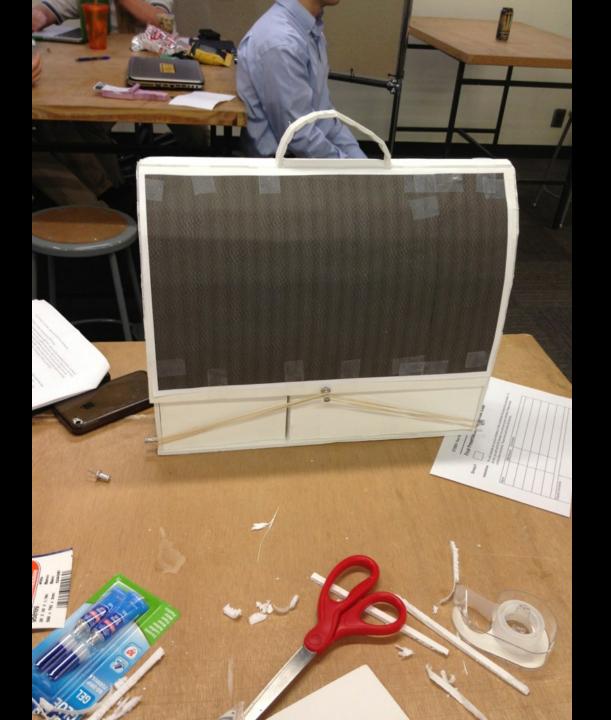












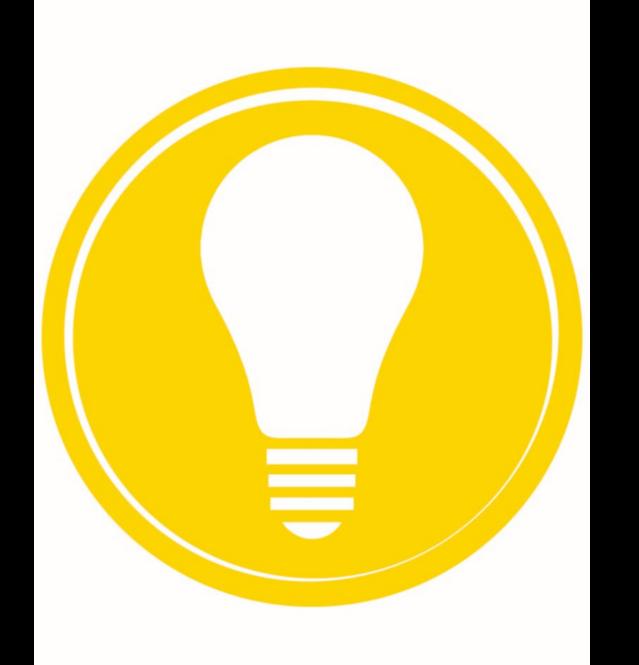


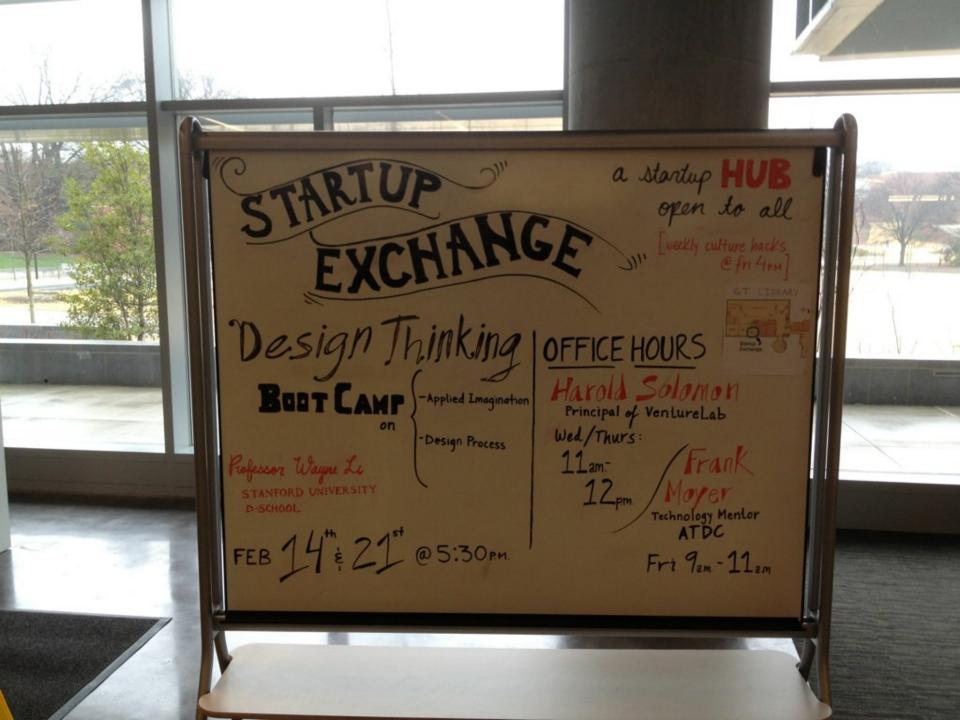












For best purposes, there should be a feeling of informality.





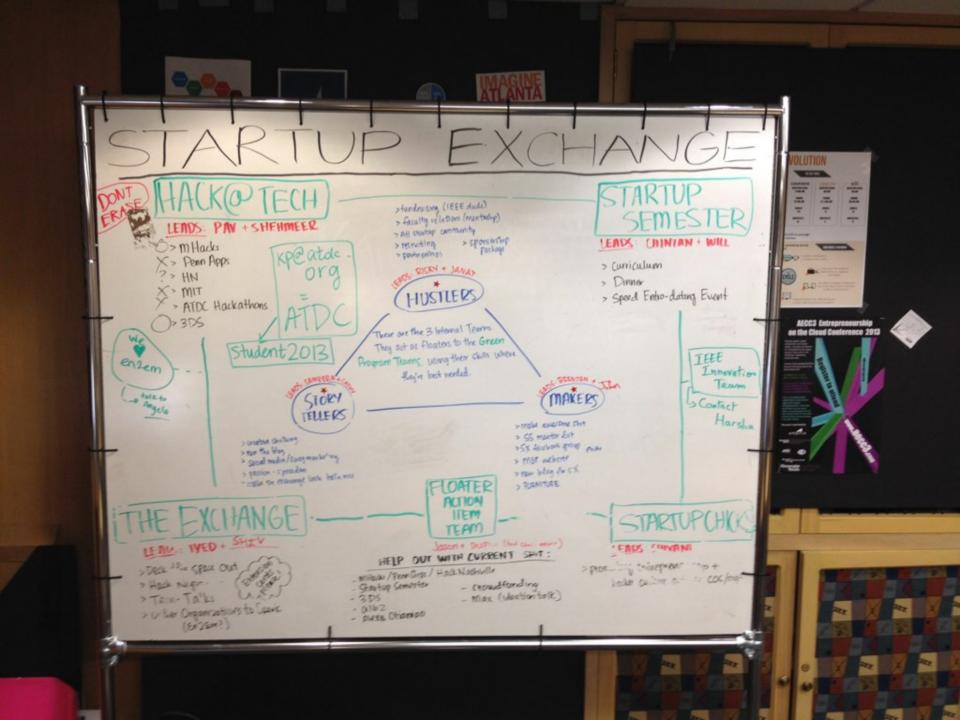




















































































































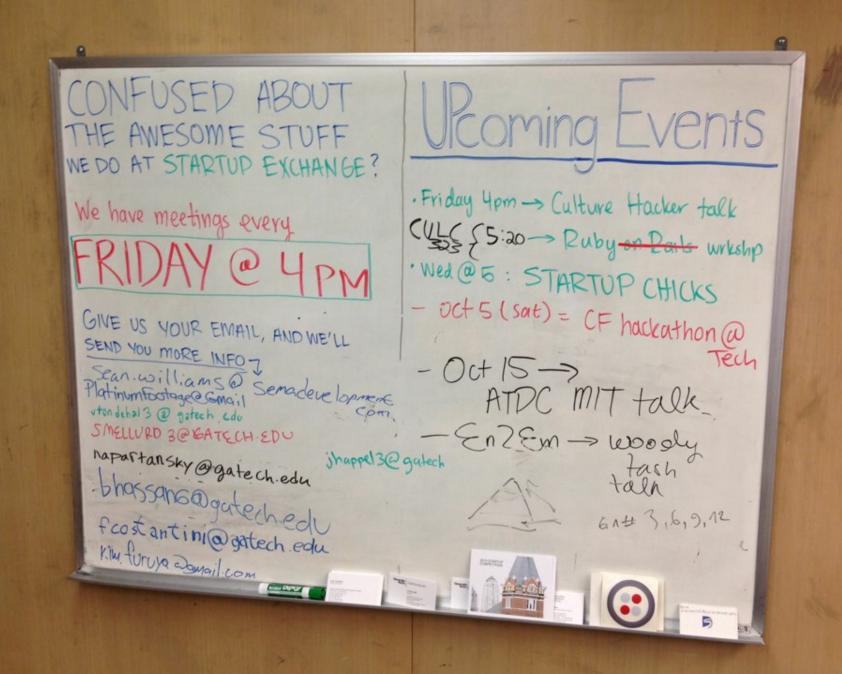


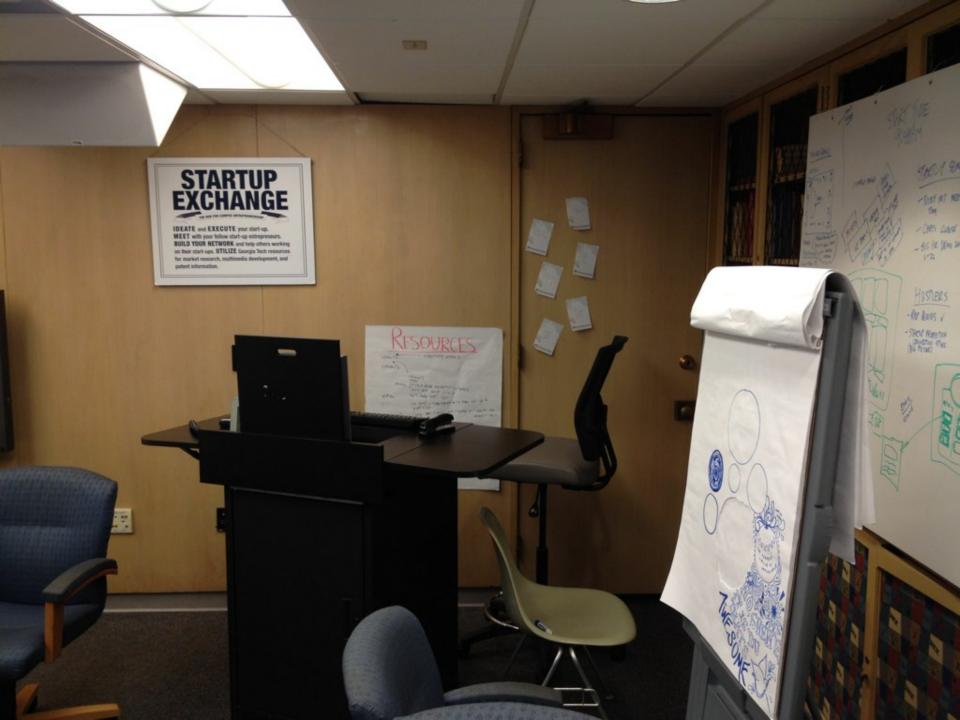












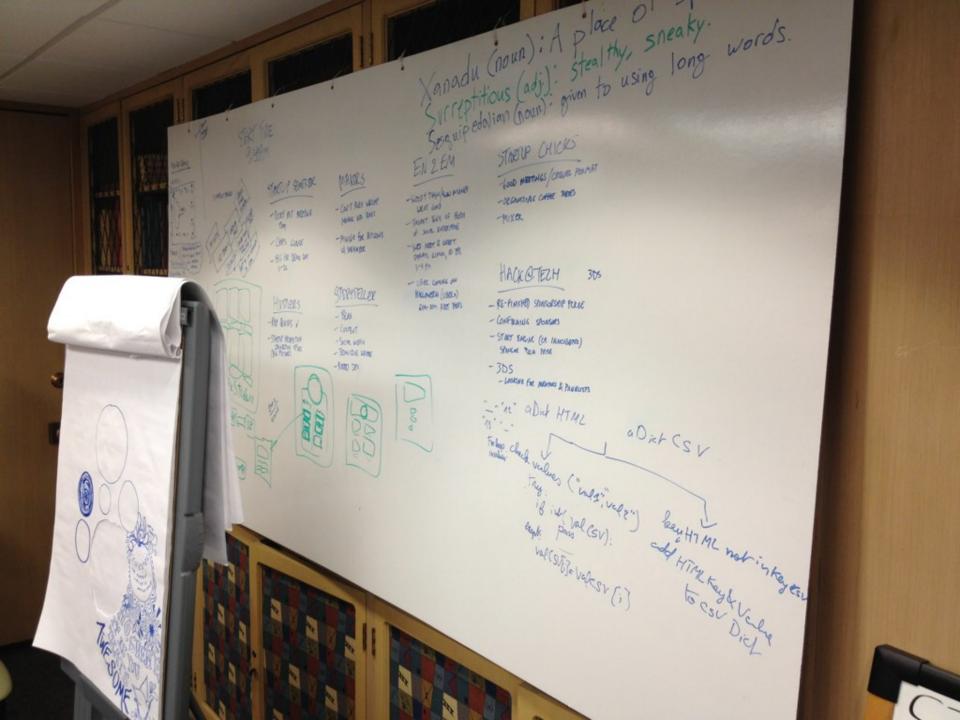
STARTUP EXCHANGE

THE HUB FOR CAMPUS ENTREPRENEURSHIP

IDEATE and EXECUTE your start-up.

MEET with your fellow start-up entrepreneurs.

BUILD YOUR NETWORK and help others working on their start-ups. UTILIZE Georgia Tech resources for market research, multimedia development, and patent information.



All quotes from Isaac Asimov's essay
"On Creativity"
composed 1959
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