

Planning Your School's New Innovation Space

Britta McKenna, Chief Innovation Officer





Welcome & Tour of IN2



Poll

(Raise your hand for everything that INvolves you)

- 1. I am a primary school educator. Administrator. Secondary school educator. Administrator.
- 2. Our school is currently adding or planning to add a makerspace.
- 3. I am interested in learning about IN2's development story in more detail.
- 4. I would like to see photos and hear stories of spaces that INspired IN2 coast to coast.
- 5. I would like to learn more about IN2's current and future programs.



About IN2



Steve and Jamie Chen Center for Innovation & Inquiry

3D walkthrough

"IN2" is a highly conceptual name that plays upon the idea of both innovation and inquiry—bridging businesses and the educational focus at IMSA. It also extends the current name assets at IMSA, metaphorically extending the mission.

It plays on the concept of bringing both innovation & inquiry into practice at IMSA and on the concept of what is put "into" the center to make things happen ideas, intuition, exploration, knowledge, experimentation, etc.

It is short, memorable and easy to say. It leaves room for curiosity and play without having to explain too much.

The three lines composing the "2" represents the different journeys of students through time and the paths that come together at IMSA through innovative practices, inquisitive learning, and problem-solving processes.



meRed Stud

The Illinois Innovation Ecosystem **ILLINOIS SCIENCE & TECHNOLOGY COALITION** NCAUR ATIP 💁 Galvin Center for Electricity Innovation O NCSA/User Facilities 🔿 LOYOLA UNIVERSITY DEPAUL UNIVERSITY **OF ILLINOIS** UNIVERSITY Institute of Design & Engineering Inst. For Genomic Bio ㅇ Biofuels O IFSH - Food Technology 🔿 UIC Innovation Center 🗢 Health Sciences WISER 🔾 🔿 Enterprise Works 📿 Bioinformatics Computing & Digital Media ILLINOIS **INSTITUTE OF** Tech. Entrepreneurship Center Pritzker School of Medicine /BSD TECHNOLOGY UNIVERSITY Materials Research Laboratorv 🗅 🗢 Chicaao Booth **OF CHICAGO** RUSH NORTHWESTERN UNIVERSITY 🔿 Polskv Center INVO O-UNIVERSITY HOSPITAL 🗿 Illinois Medical District 🖸 JCESR O 🞾 UChicago Tech -0 CTP O Computation 🔿 ARGONNE UTP IIT O 🗢 User Facilities/ALCF Kelloaa School of Manaaement/Farlev 冶 FERMILAB ISTP O-Inst. for Molecular Engineering Feinberg School of Medicine O RESEARCH PeoriaNEXT O Center for Nanoscale Materials Nanotechnology O PARKS NORTHERN University Park SIUE O ARCH Incubator 🖸 Institute for Neutron Therapy IT/Communications ILLINOIS UNIVERSITY Research Park at SIU O 1871 Q Illinois Accelerator Research Center (IARC) Financial Services O University of Illinois Research Park ዕ Catapult O ISGRIC O IVCA O INCUBATORS. INDUSTRY TechNexus O-Built in Chicago 👩 ITA O 🖸 Private Eauitv CO-WORKING CONVENERS SPACES Seed TechAmerica 🔾 O WBC **b** Energy CAPITAL - Earlv Clean Enerav Trust 🔿 O ISTC **Ó** Manufacturina PHILANTHROPY MENTORSHIP Growth 🖸 Biotech and Pharma Chicago Innovation Mentors O City of Chicago O-PUBLIC COMMUNITY & SECTOR Expansion Chicagoland Chamber of Commerce Or NETWORKING State /DCEO O-Ò Angel Chicago Innovation Awards 🝼 IL GA O UNIVERSITIES SOUTHERN Ag Research 으 Healthbox Q ibio propel o **ILLINOIS** FEDERAL LABS UNIVERSITY Tech Transfer 🔿 Impact Engine 🖸 KEY -CULTURE INCUBATION **∕O** Museums Industrial Labs 🔿 Founder's Institute 🗛 **CAPITAL & NETWORKS** ACCELERATORS Excelerate Labs/TechStars O **O** Amenities **D** Performing Arts

The Story of IN2

- 1. Develop a plan
- 2. Seek inspiration & study best practice
- 3. Engage stakeholders
- 4. Secure funding
- 5. Design

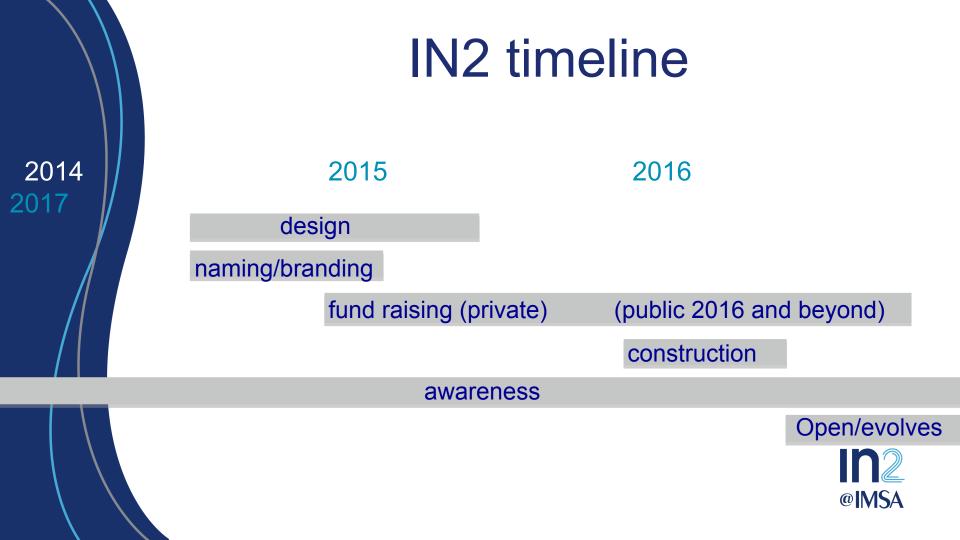


6. Build

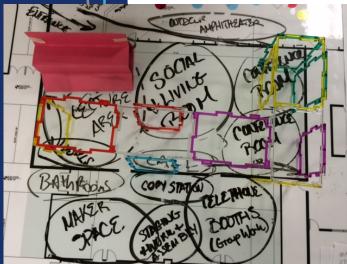
7. Operate

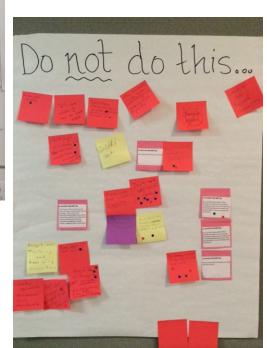
8. Sustain





Design Charrette August 2014











seek inspiration & study best practice





Twitter, Dropbox Google, Avos Exploratorium Facebook, WeWork





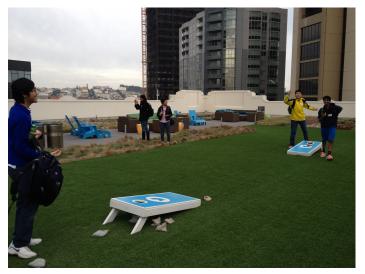




Twitter

Takeaways: Internal hack days; branding; unique staff benefits;

Silicon Valley

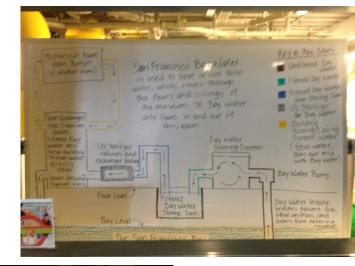






Exploratorium

Takeaways: Engaging; fun; applied learning; Manipulatives; peek behind





@IMSA

Google

Takeaways: teams; art inspired; edgey





Facebook

Takeaways: fun; mentoring; Creativity outlets; benefits



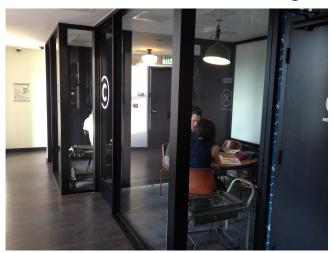






Takeaways: flexible open space; inexpensive options; toys & games; design and play with brand (colors)





Co-working Spaces (WeWork)



Takeaways: comfort; collaborative; amenity laiden; membership; phone booths; café; office station



Stanford



StartX

Takeaways: create a prototype space, learn, grow and scale





Boston

Harvard Innovation Lab



Oblong



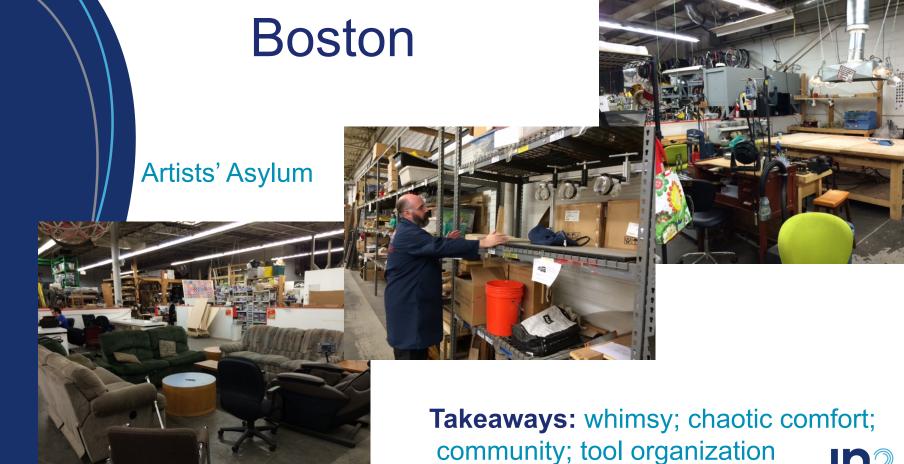




MIT Media Lab

Greentown Labs

Artists' Asylum





Boston

HI – Harvard Innovation Lab – 10/1/14





Takeaways: Art integration, functionality zones, social media, programming





Boston

HI – Harvard Innovation Lab – 10/1/14









Greentown Labs



Takeaways: focused vertical; sponsored community



GREENTOWNLABS



MIT Media Lab



Information. Note: If you leave food, it is advised that you prepare yourself to step quickly away from the counter immediately after pressing the button as to avoid being trampled.



FOODCAM

Algrups MIT Media Lab Object-Based Media Biomechatronics Opera of the Future Carnera Culture Personal Robots Changing Places Playful Systems Civic Media Responsive Environments Design Fiction Social Computing Fluid Interfaces Social Machines Human Dynamics Speech + Mobility Lifelong Kindergarten Synthetic Neurobiology Macro Connections Tangible Media Mediated Matter Viral Communications Molecular Machines



Takeaways: Teams; IP; hands-on; inginuity

Regional

WELCOME TO

RS (the the same a measure to the later was Petascale Supercomputer

ANCSA





Blue Waters Petascale Computing



Regional

Caterpillar Visitor's Center Peoria, IL





Woodward Aerospace Rockford, IL

University of Illinois EnterpriseWorks







Chicago



Northwestern

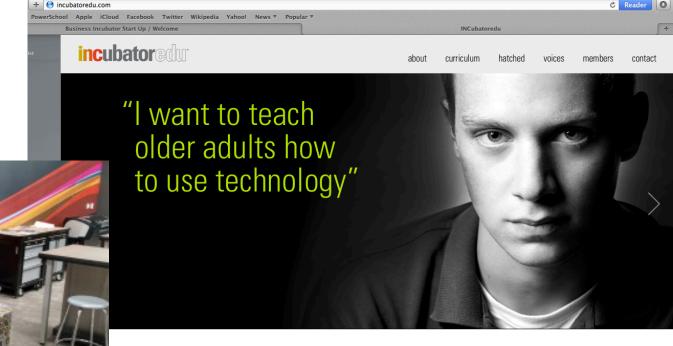


IIT Idea Lab



Local

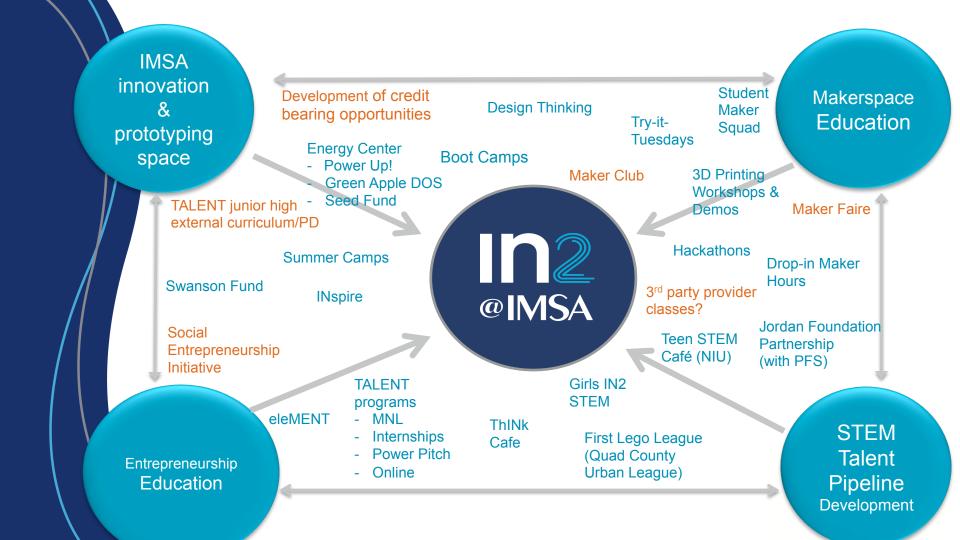
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Business Incubator Barrington High School

Aurora Public Library Maker Space





Funding

Revenue Streams

- Donations
- Memberships
- Sponsorships
- Program fees



Expenses

- Salaries
- Equipment
- Program supplies



IN2 Educator Opportunities

Summer Institutes

• Design Thinking

- Designing Innovation Spaces
- Entrepreneurship

Makerspace Certification Program

• Under development

• Sign up to get information about these opportunities



Join IN2 on social media...









Questions



Thank you!

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