

SESSION SUMMARY

# Leveraging Partnerships to Remake Learning

Digital Promise

League of Innovative Schools

Fall Meeting 2015

LUMA INSTITUTE<sup>SM</sup>



# LUMA INSTITUTE<sup>SM</sup>

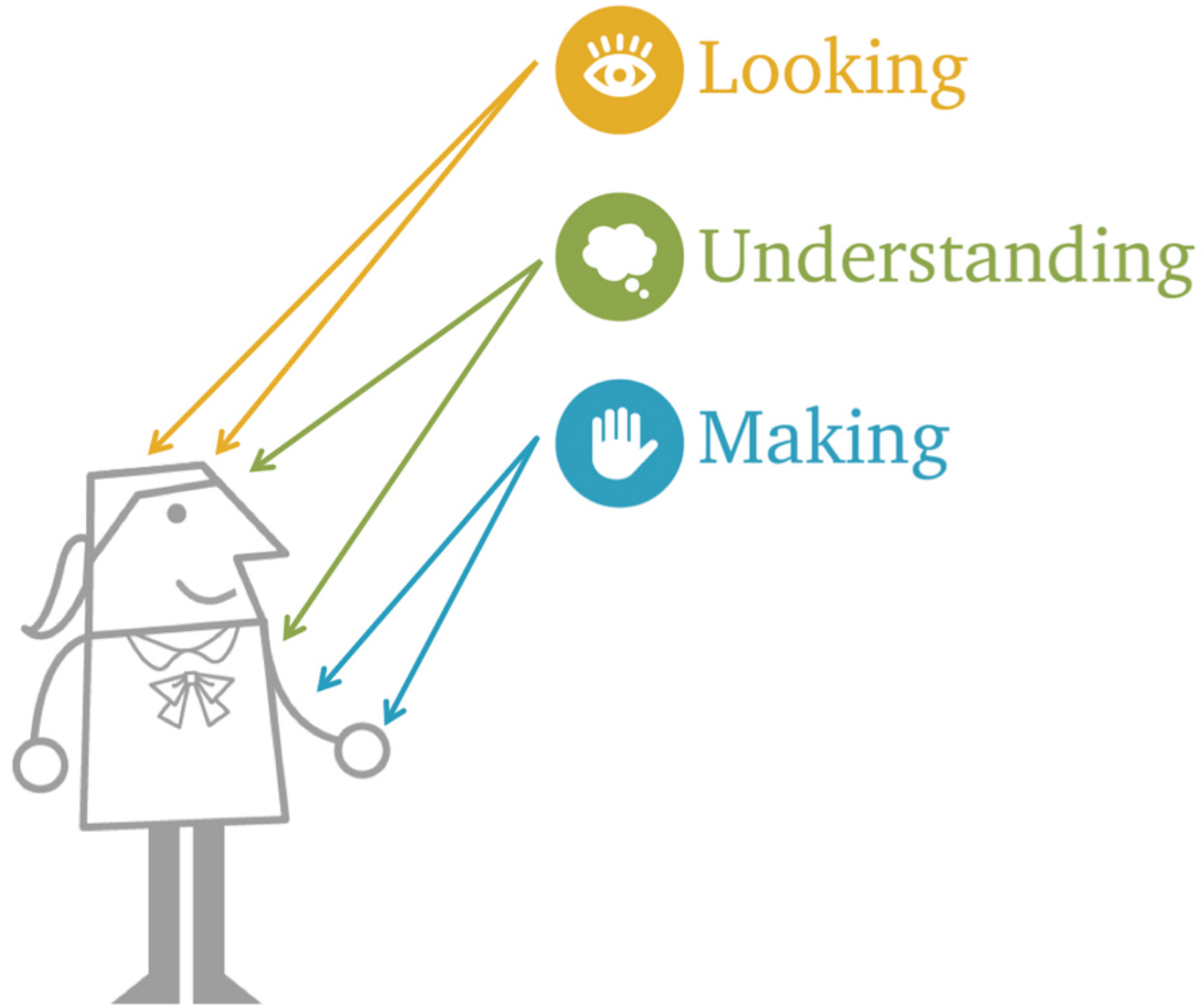
Established 2010

We equip  
individuals, teams and organizations  
to accelerate innovation

# Human-Centered Design

The discipline of developing solutions  
in the service of people.

THE DISCIPLINE OF HUMAN-CENTERED DESIGN IS THE DISCIPLINE OF...



## Looking

*Methods for observing human experience:*

### ETHNOGRAPHIC RESEARCH

- Interviewing
- Fly-on-the-Wall Observation
- Contextual Inquiry
- Walk-a-Mile Immersion
- ...

### PARTICIPATORY RESEARCH

- What's on Your Radar?
- Buy a Feature
- Build Your Own
- Journaling
- ...

### EVALUATIVE RESEARCH

- Think-Aloud Testing
- Heuristic Review
- Critique
- System Usability Scale
- ...

## Understanding

*Methods for analyzing challenges and opportunities:*

### PEOPLE & SYSTEMS

- Stakeholder Mapping
- Persona Profile
- Experience Diagramming
- Concept Mapping
- ...

### PATTERNS & PRIORITIES

- Affinity Clustering
- Bull's-eye Diagramming
- Importance/Difficulty Matrix
- Visualize-the-Vote
- ...

### PROBLEM FRAMING

- Problem Tree Analysis
- Statement Starters
- Abstraction Laddering
- Rose, Thorn, Bud
- ...

## Making

*Methods for envisioning future possibilities:*

### CONCEPT IDEATION

- Thumbnail Sketching
- Creative Matrix
- Round Robin
- Alternative Worlds
- ...

### MODELING & PROTOTYPING

- Storyboarding
- Schematic Diagramming
- Rough & Ready Prototyping
- Appearance Modeling
- ...

### DESIGN RATIONALE

- Concept Poster
- Video Scenario
- Cover Story Mock-up
- Quick Reference Guide
- ...

# Harvard Business Review

JAN / FEB 2014

**IDEA MATCH**  
**Vision Statement**  
 Luma Institute is a global education company that teaches people how to be more successful in the discipline of human-centered design.

**A Taxonomy of Innovation**  
 Based on the work of Luma Institute

Fast-changing markets demand that new products and processes be designed rapidly. At least 3,000 tools and methods are available to help innovators discover what users want or need and how to deliver on their expectations. The challenge is to figure out which ones to use when.

Luma Institute has distilled 36 of the most effective methods—the majority of them in common use. As illustrated here, it organizes them in three categories—looking, understanding, and making—and nine subcategories. This framework can help you choose the best tool for each step of the innovation process, according to the people you're designing for and the complexity of the systems in which you operate.

Bill Lucas, Luma's cofounder and director of curriculum, recommends that at least one method from at least two categories be applied during each round of innovation activity. If the situation calls for evolutionary improvement, for example, you might start with the subcategory "evaluative research" and then synthesize and summarize your findings. If you're seeking a disruptive breakthrough, it's good to start with a combination of methods for understanding people and framing problems and then use observational methods to inform conceptualization and prototyping.

Lucas urges that over the course of a larger effort, a healthy sampling from all three categories be used frequently. Familiarity with the attributes of individual methods is the key to learning which ones work well together. But wherever you start, don't delay making something to assess and prioritize improvements.

The diagram below shows how a company might move through Luma's innovation system to create a new line of products.

HBR Reprint F3401Z

**A SAMPLE INNOVATION PATH**  
 It's important to use methods from each category and to move back and forth among categories to refine your thinking.

**LOOKING**  
 OBSERVING HUMAN EXPERIENCE

**UNDERSTANDING**  
 ANALYZING CHALLENGES & OPPORTUNITIES

**MAKING**  
 ENVISIONING FUTURE POSSIBILITIES

**ETHNOGRAPHIC RESEARCH**  
 Studying human behavior in its natural setting to uncover opportunities for innovation

1. **INTERVIEWING** Gathering information through direct dialogue
2. **FLY-ON-THE-WALL OBSERVATION** Doing unobtrusive field research
3. **CONTEXTUAL INQUIRY** Interviewing people in their own environment
4. **WALK-A-MILE IMMERSION** Building empathy through firsthand experience

**ETHNOS & PERSONA**  
 Synthesizing and summarizing the understanding of all kinds of people, places, and things to create new value

1. **STAKEHOLDER MAPPING** Diagramming involved roles in a system
2. **PERSONA PROFILE** Summarizing stakeholder roles, needs, and goals
3. **EXPERIENCE DIAGRAMMING** Mapping a journey through tasks
4. **CONCEPT MAPPING** Depicting relationships within a given domain

**RESEARCH SKETCHING**  
 Exploring numerous possibilities using alternatives to conventional brainstorming

1. **THUMBNAIL SKETCHING** Making quick drawings to generate new ideas
2. **CREATIVE MATRIX** Sparking new ideas at the intersection of categories
3. **SOUND-ROBIN** Evolving ideas by passing them from person to person
4. **ALTERNATIVE WORLDS** Using different perspectives to generate ideas

**PARTICIPATORY RESEARCH**  
 Learning from people by giving them ways to express themselves, revealing critical and latent needs

1. **WHAT'S ON YOUR RADAR?** Flirting items according to personal significance
2. **BUY A FEATURE** Using artificial money to express trade-off decisions
3. **BUILD YOUR OWN** Expressing ideal solutions with symbolic elements
4. **JOURNALING** Recording personal experiences in words and pictures

**REWORKING & PROTOTYPING**  
 Combating risk aversion by modeling new ideas through fast and frequent iteration

1. **STORYBOARDING** Showing new processes through a series of images
2. **SCHEMATIC DIAGRAMMING** Outlining a system's structure and components
3. **ROUGH & READY PROTOTYPING** Modeling an idea quickly
4. **APPEARANCE MODELING** Emphasizing visual styling with a refined model

**EVALUATIVE RESEARCH**  
 Assessing the usefulness and usability of products and processes in order to set a course for improving them

1. **THINK-ALoud TESTING** Narrating one's experience while performing a task
2. **HEURISTIC REVIEW** Auditing on the basis of 10 rules of good design
3. **CRITIQUE** Giving and receiving constructive feedback
4. **SYSTEM USABILITY SCALE** Quantifying feedback from a usability survey

**PROBLEM FRAMING**  
 Characterizing the situation differently so that innovative solutions can emerge

1. **PROBLEM TREE ANALYSIS** Exploring the causes and effects of an issue
2. **STATEMENT STARTERS** Phrasing problem statements to invite exploration
3. **ABSTRACTION LADDERING** Reconsidering a problem by adjusting its focus
4. **ROSE, THORN, BUD** Identifying things as positive, negative, or having potential

**DESIGN RATIONALES**  
 Conveying a concept's full potential so that participants will do what's needed for ideas to flourish

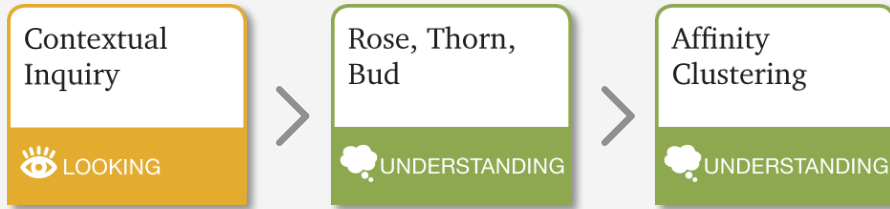
1. **CONCEPT POSTER** Presenting the main elements of an idea
2. **VIDEO SCENARIO** Showing the attributes of a new concept in use
3. **COVER STORY MOCK-UP** Describing an idea's future success in a faux article
4. **QUICK REFERENCE GUIDE** Summarizing the principles and elements of an idea

January-February 2014 Harvard Business Review

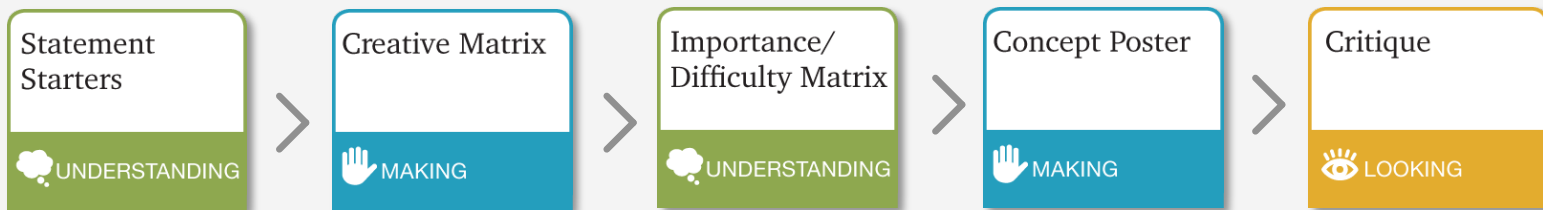
<https://hbr.org/2014/01/a-taxonomy-of-innovation>

## SAMPLE COMBINATIONS

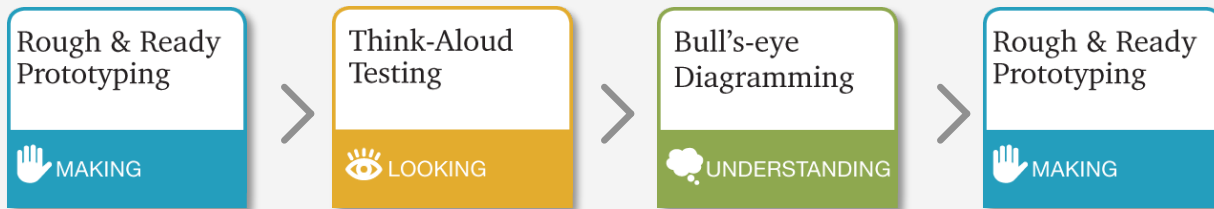
### MOVING FROM EMPATHY TO INSIGHT



### ENVISIONING FUTURE POSSIBILITIES

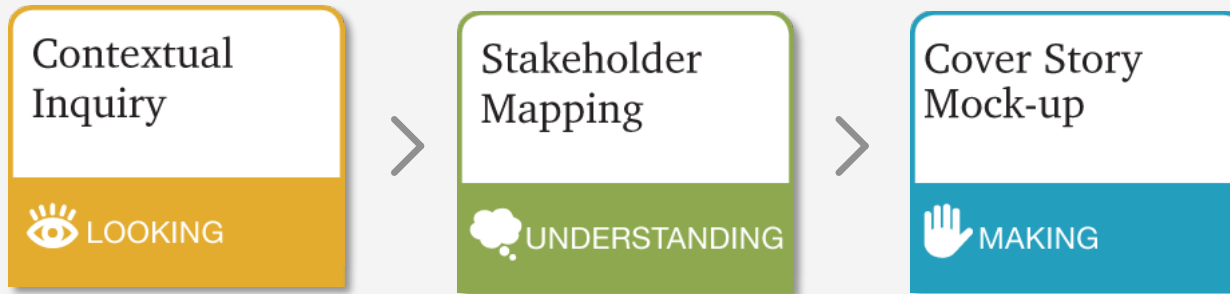


### RAPID ITERATION & IMPROVEMENT

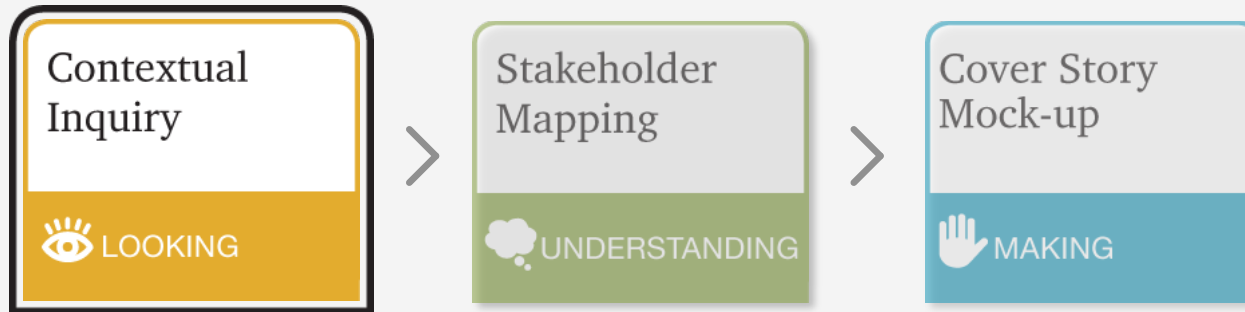




TODAY'S METHOD COMBINATION:



TODAY'S METHOD COMBINATION:



# Contextual Inquiry

An approach to interviewing  
and observing people in  
their own environment

P.O.E.M.S. is a framework that promotes a more powerful way to observe. As you conduct your visit, observe and engage people to learn and be inspired. Consider:

Name:

Site Visited:

**People:**

- < Who is involved in this partnership?
- < What is their role in the work being performed?
- < What is top of mind for these people?

**Objects:**

- < What tools and objects do they use?
- < How do those tools support the partnership/work?
- < Do they support all stakeholders or only specific ones?

**Environments:**

- < Where does the activity occur?
- < What requirements are needed for the space?
- < What is unique about this environment?

**Messages:**

- < What are the key messages?
- < What language/jargon is used?
- < What form does the communication take (face to face, email, signage)?

**Services:**

- < What does the partnership provide?
- < How often are those services offered/used?
- < Are there different ways in which the services are provided?

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**People:**

- Shell Games / Local Business
- partner = higher Ed.

**Objects:**

- one-note
- Laptops/iPads

**Environments:**

- innovative
- support collect.
- support creativity

**Messages:**

- Habits of mind

**Services:**

- expertize
- working space for students

**People:** Conrad Colaric

7:25 - 2:20  
9pd HS day

**Objects:** 3-D printer, robotics, sand table, smart floor

Novatron launch kit - HS  
music

**Environments:**

Small Lab  
HS Video Studio - 2 teams do morning announcements - PhotoShop  
Leopard chair for fireside chat  
Media Center Internship

**Messages:**

Hands on, color, fun, movement, create

[ePibot.org](http://ePibot.org) / TinkerBook

**Services:**

5th grade  
Elementary (music) Virtual field trip - Choose place Write to prin. about why to go there.  
E-Back Pack  
Brain Rush (ELA) grade 1  
Storytelling app  
Fade In Cltics  
Neopod  
GameMaker Studio

**People:** 7<sup>th</sup>

- weighted object data.  
Tennis balls ideas. Discussion about data! conclusions. How to improve data collection

**Objects:** Movable furniture; personal phones

Multiple device types for need/sensors  
Graph floor; whiteboard tables  
using downloadable Scratch to control drones  
Sphero - programming rolling  
Spark - open source programming Apps  
Tickle

Parent  
misadventures

**Environments:** Collaborative, Design principles

Privacy - once link 2/month to Maker Space  
K-2, ABC ya.com - Math skills games

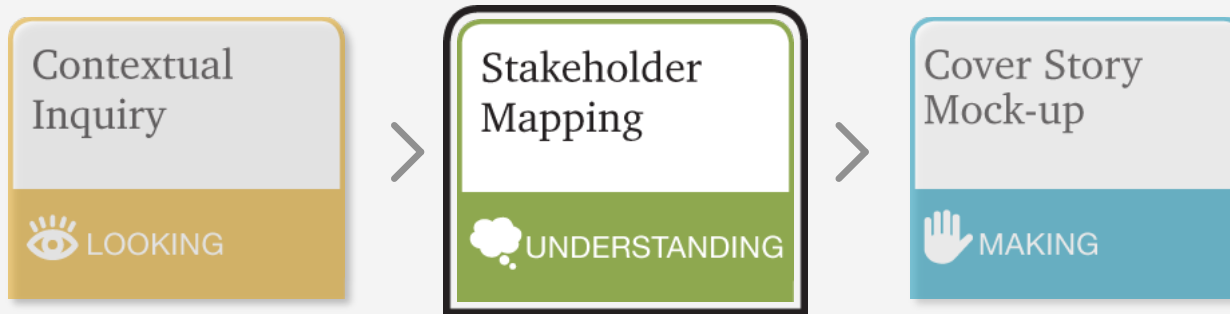
**Messages:**

4<sup>th</sup> use News2. to create site for principles, when reduce cost Post sheet.  
glue, etc.

**Services:**

Robert Morris U. - Middle School PD center  
Ohio River Consortium  
Grable / Children's Museums  
- RMC - conferences, conf. rooms, workshops on line

TODAY'S METHOD COMBINATION:



# Stakeholder Mapping

A way of diagramming the network of people who have a stake in a given system

Leveraging what you were inspired by from your site visit experiences today, develop a list of potential partners where you could create new and unusual connections. Consider:

**School Districts:**

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**Higher Ed Institutions:**

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**Museums:**

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**Libraries:**

---

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---

**Workforce Development Agencies:**

---

---

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**After School Programs:**

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**Ed Tech Companies:**

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**Businesses:**

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**Philanthropic Organizations:**

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**Other Entities:**

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Leveraging what you were inspired by from your site visit experiences today, develop a list of potential partners where you could create new and unusual connections. Consider:

City of Spartanburg

**School Districts:**  
 Spartanburgs 1-6  
 Union  
 Cherokee  
 League Districts (4)

**Museums:**  
 Chapman Cultural Center  
 Spartanburg History Museum  
 Smithsonian  
 SC State Museum

**Workforce Development Agencies:**  
 Spartanburg WRB  
 SC Works  
 SC Ready  
 SCC

**Ed Tech Companies:**  
 We have vendors - Great - NA  
 necessary partners

**Philanthropic Organizations:**  
 May Black Foundation  
 Spartanburg County Foundation  
 United Way  
 Spartanburg Regional Foundation  
 Barnett

**Higher Ed Institutions:**  
 Wofford VCOM West Point  
 Converse SMC  
 Upstate SCC  
 Clemson Anderson

**Libraries:**  
 Spartanburg Library  
 Library of Congress

**After School Programs: / Summer**  
 Boys + Girls Club  
 ACE - West Point  
 YMCA

**Businesses:**  
 IT Denys Corporation  
 Johnson Development  
 Northside Development

**Other Entities:**  
 Spartanburg Academic Movement str  
 Joint Community  
 Spartanburg Music Arts Center  
 Rotary  
 Mens Club  
 Purpose Built Communities  
 DLI

Leveraging what you were inspired by from your site visit experiences today, develop a list of potential partners where you could create new and unusual connections. Consider:

**School Districts:**  
 Rock Hill Schools

**Museums:**  
 Children's Museum  
 York City Museum  
 Phone Museum (Comporium)

**Workforce Development Agencies:**  
 Lisa Robinson  
 Stephen Turner / David Lawrence

**Ed Tech Companies:**  
 Hive/Incubator  
 3D Systems  
 Lab - Physician's Choice

**Philanthropic Organizations:**  
 Springs/Close  
 Education Foundation

**Higher Ed Institutions:**  
 Winthrop  
 Clinton College  
 York Tech  
 USC Lancaster

**Libraries:**  
 York City Library  
 \* Winthrop

**After School Programs:**  
 Boys & Girls Club  
 YMCA  
 Challenger

**Businesses:**  
 Chamber - local Texas Road  
 Comporium Honeybaked Hams  
 Williams & Fudge  
 Sams

**Other Entities:**  
 City of Rock Hill  
 Head Start  
 Kiwanis

Leveraging what you were inspired by from your site visit experiences today, develop a list of potential partners where you could create new and unusual connections. Consider:

**School Districts:**  
 Santa Clara Co. Office  
 Napa Co. Office  
 Napa Unified School District  
 Oakland Unified

CofE Dist.

**Museums:**  
 Asian Arts  
 De Young Museum  
 Academy of Sciences

**Workforce Development Agencies:**  
 WEB  
 Bridge to Success  
 Hope SF

**Ed Tech Companies:**  
 Salesforce Google  
 Clever Apple  
 Twitter Common Sense Media  
 Zynga Zoom

**Philanthropic Organizations:**  
 Silver Anniversary  
 Haas Jr  
 Salesforce.com Foundation  
 Bechtel

Stone F.  
 Gates  
 Zuckerberg  
 SF. Citi

**Higher Ed Institutions:**  
 Stanford  
 UC Berkeley  
 USF  
 SF State  
 Touso Univ.

**Libraries:**  
 SF Public  
 SF State

**After School Programs:**  
 ACES  
 YUCA  
 Boys Hands Club  
 Playworks

**Businesses:**  
 SF Chamber of Commerce  
 ←

**Other Entities:**  
 Coleman Advocates  
 Chinese for Affirmative Action  
 PAC  
 AAPAC  
 DELAC  
 UCSF, UCSF, SEM

Leveraging what you were inspired by from your site visit experiences today, develop a list of potential partners where you could create new and unusual connections. Consider:

**School Districts:**  
 Clamilton Pub. Schools  
 Eden Prairie Pub Schools  
 Lakeville Pub Schools

**Museums:**  
 3M Childrens Museum  
 St. Paul

**Workforce Development Agencies:**  
 MN Workforce Center  
 (WFC)

**Ed Tech Companies:**  
 JOL HARPER  
 Skoolbo

**Philanthropic Organizations:**  
 Mathematic Foundation

**Higher Ed Institutions:**  
 Wakefield CC  
 U of MN

**Libraries:**  
 Edina Pub Library

**After School Programs:**  
 Extended Day Learning  
 Alameda  
 Plymouth Center

**Businesses:**  
 - 3M / Hubbard  
 - INB  
 - IBM

**Other Entities:**  
 TIES  
 ISPE

Leveraging what you were inspired by from your site visit experiences today, develop a list of potential partners where you could create new and unusual connections. Consider:

**School Districts:**  
Oceanside ESCONDIDO  
San Marcos ENVIETAS  
Carlsbad San Dieguito

**Museums:**  
Rail Road -  
oceanside -

**Workforce Development Agencies:**  
City of Vista  
Chamber of Com

**Ed Tech Companies:**

**Philanthropic Organizations:**  
Artes  
Solutions for Change

**Higher Ed Institutions:**  
Cal State San Marcos  
Palomar  
Mira Costa  
CSUSO -

**Libraries:**  
Vista - oceanside - etc

**After School Programs:**  
YMCA

**Businesses:**  
PARC - Founders -  
Zerax City of S.D.  
Qualcom

**Other Entities:**  
SAD Diego County Office

Leveraging what you were inspired by from your site visit experiences today, develop a list of potential partners where you could create new and unusual connections. Consider:

**School Districts:**  
MGSD  
RS  
CMS  
ISS

**Museums:**  
JAEDEU  
CHARLOTTE  
WINSTON  
HICKORY

**Workforce Development Agencies:**  
STATESVILLE + MOORESVILLE CHAMBERS  
JAEDEU WORKFORCE DEV

**Ed Tech Companies:**  
NOVATION  
EDEVEMENTS

**Philanthropic Organizations:**  
GOLDEN LEAF  
MEBON FOUNDATION  
BORDONS FAMILY  
JAEDEU FOUNDATION

**Higher Ed Institutions:**  
MCC  
UNC-C  
ASU  
UNC-6

**Libraries:**  
PUBLICS  
COLLEGES

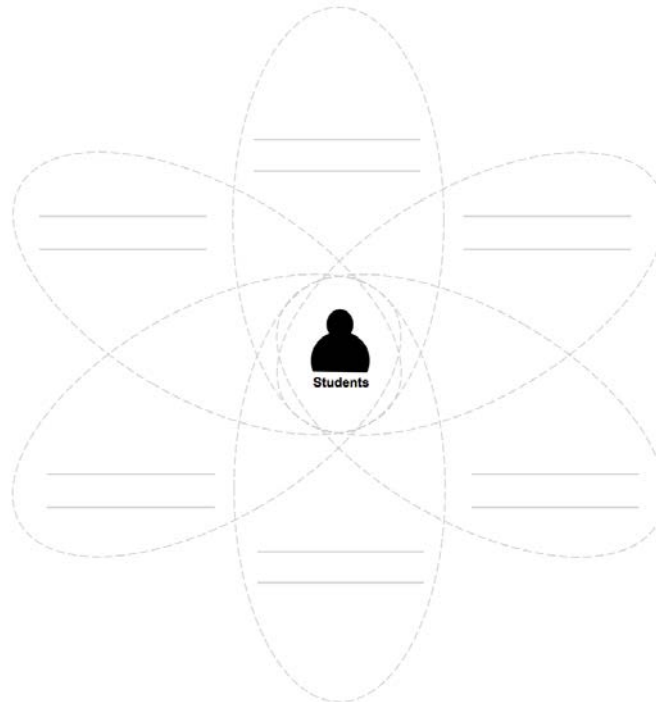
**After School Programs:**  
BOYS + GIRLS CLUB  
HEAD START

**Businesses:**  
LOWES

**Other Entities:**  
NASCAR TECH

Using your stakeholder listing in Part 1, identify between two and six partners that you could leverage to remake learning. Using different colors, populate the key and the ovals to create a visual of those partnerships.

Name of this Initiative: \_\_\_\_\_



**KEY:**

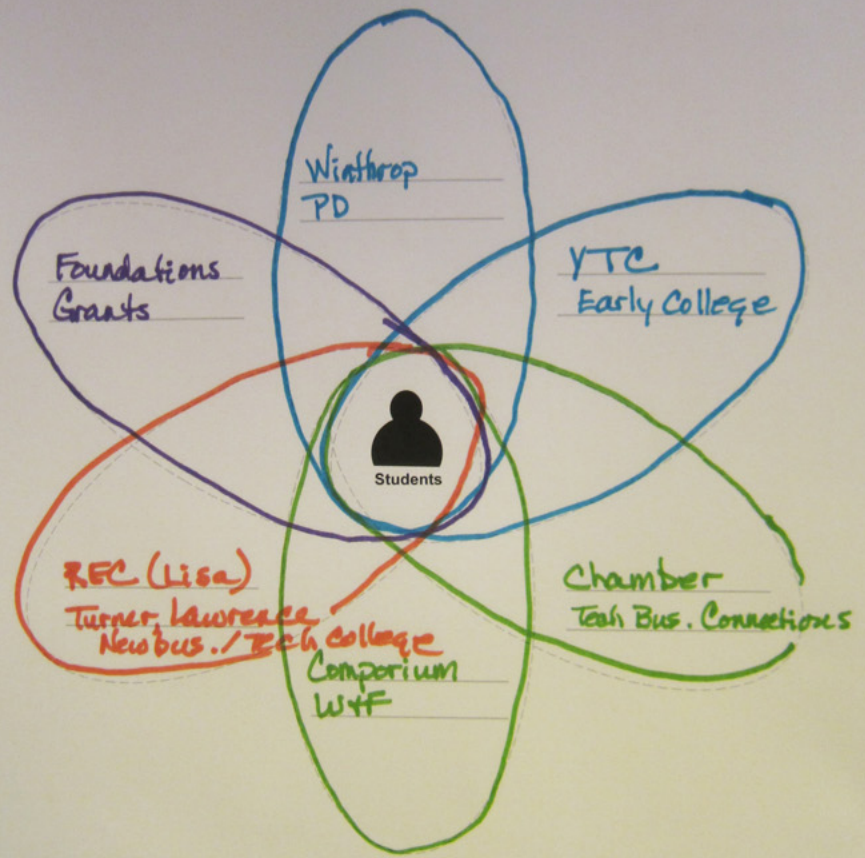
- School Districts
- Museums
- Workforce Dev. Agencies
- Ed Tech Co.
- Philanthropic Orgs.
- Higher Ed Institutions
- Libraries
- After School Programs
- Businesses
- Other: \_\_\_\_\_

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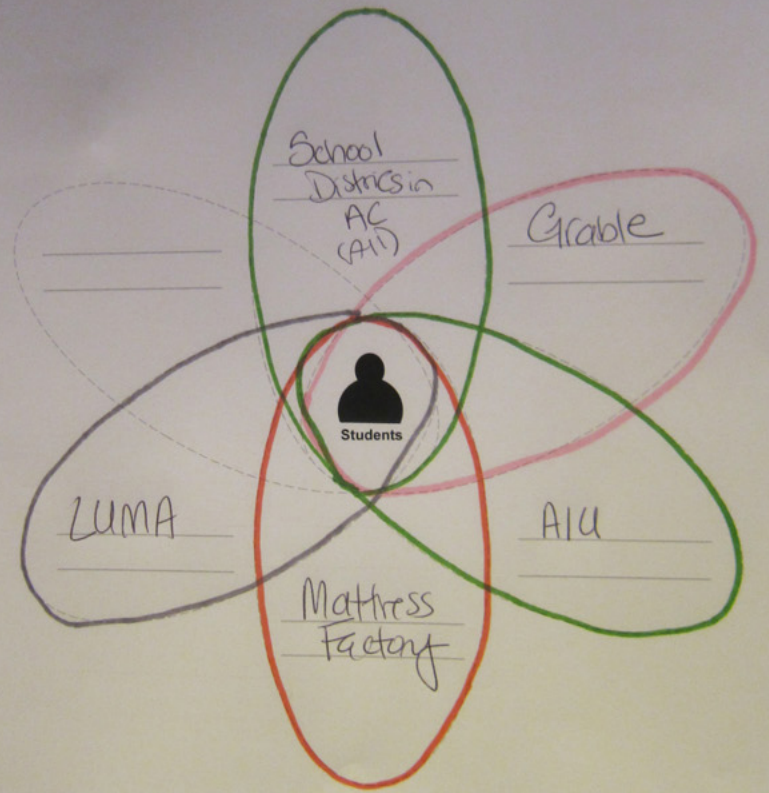
Name of this Initiative: Choice/Magnet - STEAM



- KEY:
- School Districts
  - Museums
  - Workforce Dev. Agencies
  - Ed Tech Co.
  - Philanthropic Orgs.
  - Higher Ed Institutions
  - Libraries
  - After School Programs
  - Businesses
  - Other: \_\_\_\_\_

Using your stakeholder listing in Part 1, identify between two and six partners that you could leverage to remake learning. Using different colors, populate the key and the ovals to create a visual of those partnerships.

Name of this Initiative: Remote Learning "Instigates" PLC

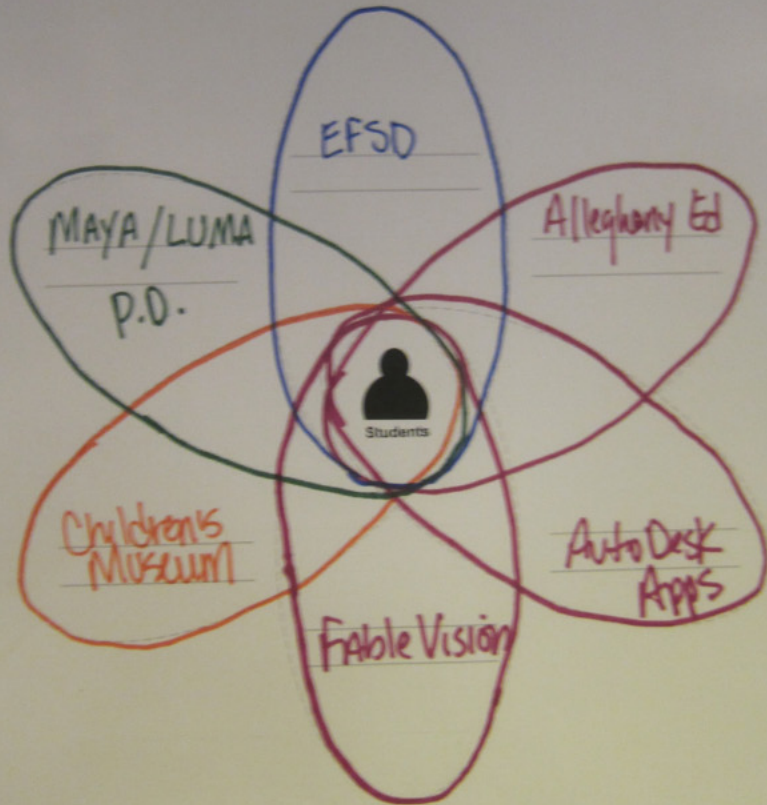


- KEY:
- School Districts
  - Museums
  - Workforce Dev. Agencies
  - Ed Tech Co.
  - Philanthropic Orgs.
  - Higher Ed Institutions
  - Libraries
  - After School Programs
  - Businesses
  - Other: \_\_\_\_\_

Using your stakeholder listing in Part 1, identify between two and six partners that you could leverage to remake learning. Using different colors, populate the key and the ovals to create a visual of those partnerships.

Name of this Initiative: \_\_\_\_\_

**K-5 Mobile Fablab**



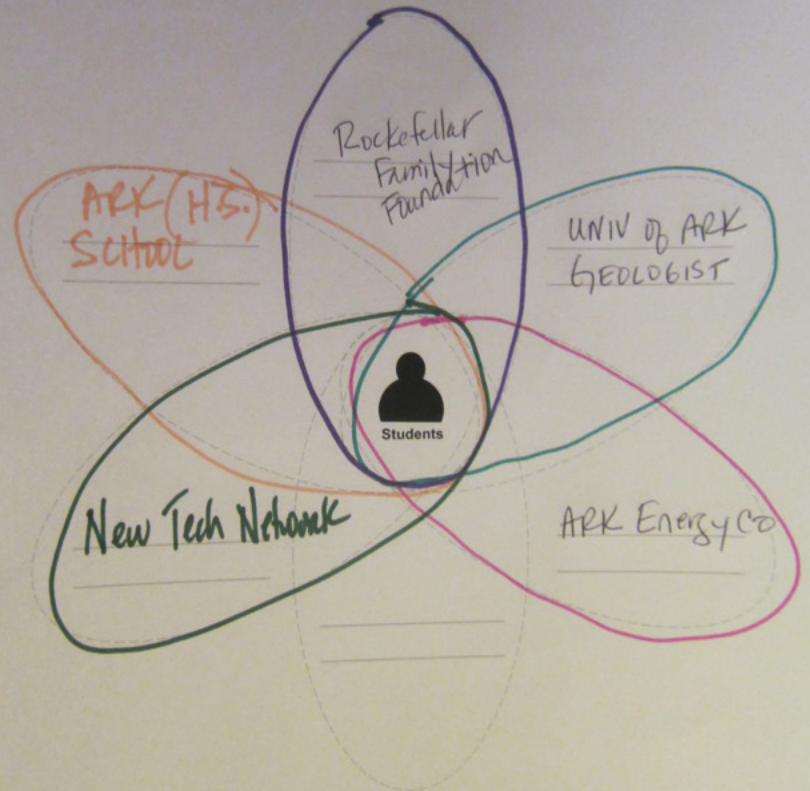
- KEY:
- School Districts
  - Museums
  - Workforce Dev. Agencies
  - Ed Tech Co.
  - Philanthropic Orgs.
  - Higher Ed Institutions
  - Libraries
  - After School Programs
  - Businesses
  - Other: \_\_\_\_\_

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Using your stakeholder listing in Part 1, identify between two and six partners that you could leverage to remake learning. Using different colors, populate the key and the ovals to create a visual of those partnerships.

Name of this Initiative: \_\_\_\_\_

**FRACKING: Affect on ARK?**  
LONG TERM

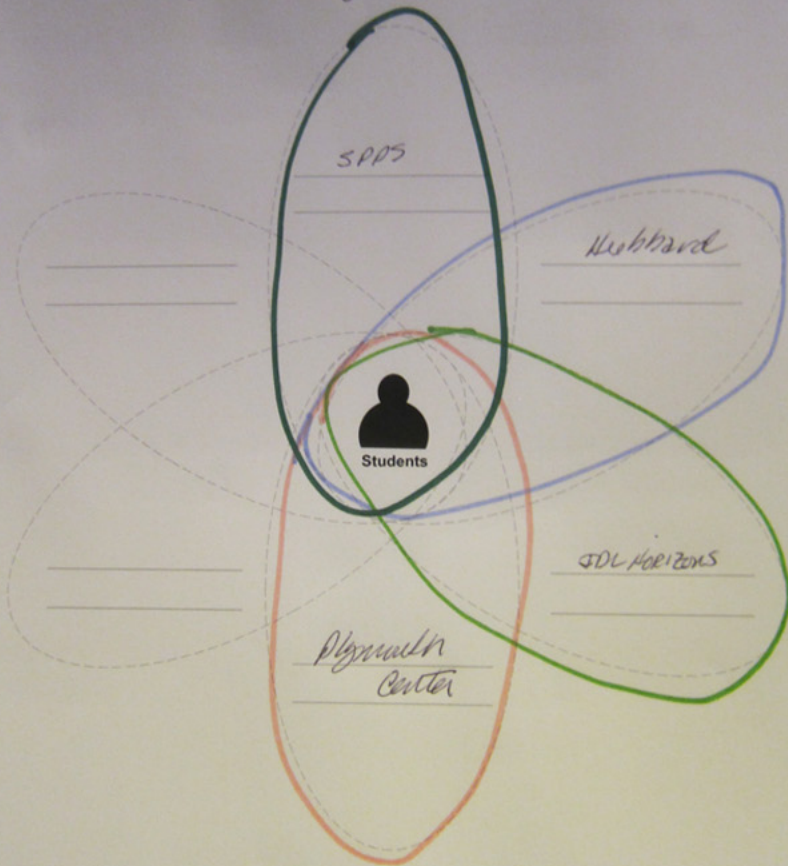


- KEY:
- School Districts
  - Museums
  - Workforce Dev. Agencies
  - Ed Tech Co.
  - Philanthropic Orgs.
  - Higher Ed Institutions
  - Libraries
  - After School Programs
  - Businesses
  - Other: COOPERATION

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Using your stakeholder listing in Part 1, identify between two and six partners that you could leverage to remake learning. Using different colors, populate the key and the ovals to create a visual of those partnerships.

Name of this Initiative: Powered by students



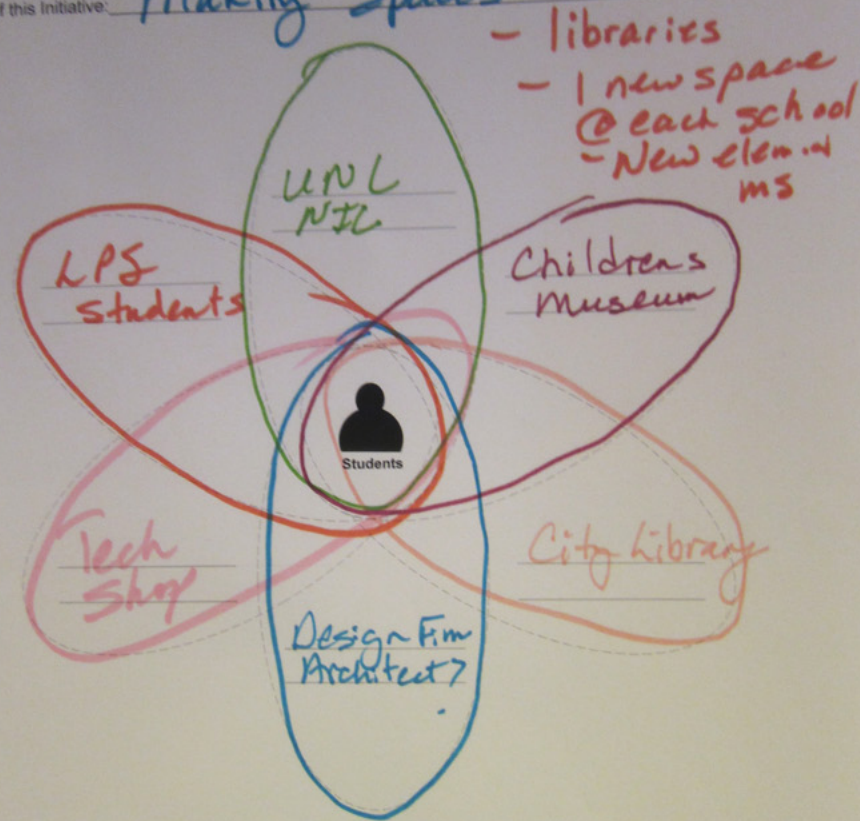
KEY:

- School Districts
- Museums
- Workforce Dev. Agencies
- Ed Tech Co.
- Philanthropic Orgs.
- Higher Ed Institutions
- Libraries
- After School Programs
- Businesses
- Other: \_\_\_\_\_

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Using your stakeholder listing in Part 1, identify between two and six partners that you could leverage to remake learning. Using different colors, populate the key and the ovals to create a visual of those partnerships.

Name of this Initiative: "Making Spaces"



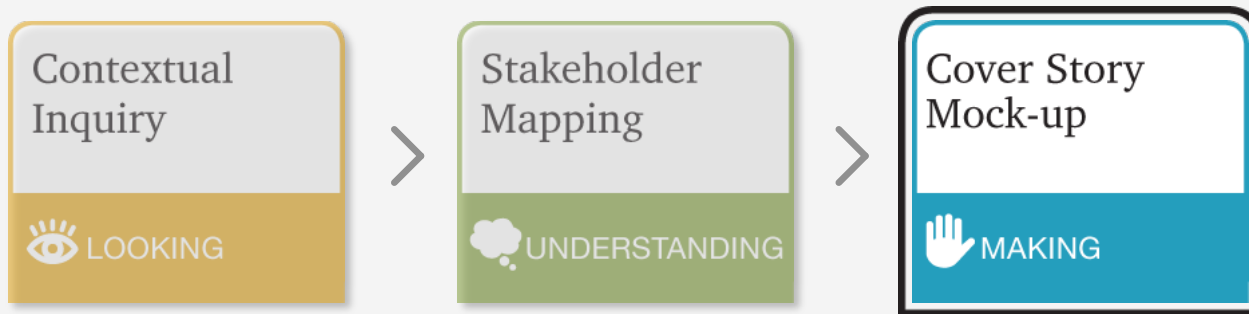
KEY:

- School Districts
- Museums
- Workforce Dev. Agencies
- Ed Tech Co.
- Philanthropic Orgs.
- Higher Ed Institutions
- Libraries
- After School Programs
- Businesses
- Other: TechShop

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TODAY'S METHOD COMBINATION:





# Cover Story Mock-up

A mock news article  
describing the successful  
future of a new idea

Name of this Initiative: \_\_\_\_\_

Draw  
Twitter  
Icon Here

<Your Org Name>     @     <Your Org Twitter Account Name>     **Oct, 2016**

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<Your Tweet-140 character limit>

Illustration/Picture/Video in support of your Twitter post...

↩↻ 993★ 2.7K⋮



**Digital Promise** @DigitalPromise     Oct, 2016

Thanks to #LISPitt conference 1 year ago League members are #remakinglearning through creative #partnerships that bring new experiences into the classroom [link to a story about your partnerships here!]



**Remake Learning** @remakelearning     Oct, 2016

Look how far our schools have come thanks to the #lispitt Fall 2015 meeting in Pittsburgh, PA @digitalpromise @EF\_MS @SFHighSch @avonworthschool

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Name of this Initiative: \_\_\_\_\_

Draw  
Twitter  
Icon Here

**EFSD** @ **EFELEMENTARY** Oct, 2016  
<Your Org Name> <Your Org Twitter Account Name>

3<sup>rd</sup> graders @ EFelementary MANUFACTURE  
creative prosthetics for local veterans.  
full story @ [www.efsd.net/veterans](http://www.efsd.net/veterans)  
<Your Tweet-140 character limit>



993 2.7K



**Digital Promise** @DigitalPromise Oct, 2016  
Thanks to #LISPitt conference 1 year ago League members are #remakinglearning through creative #partnerships that bring new experiences into the classroom [link to a story about your partnerships here!]



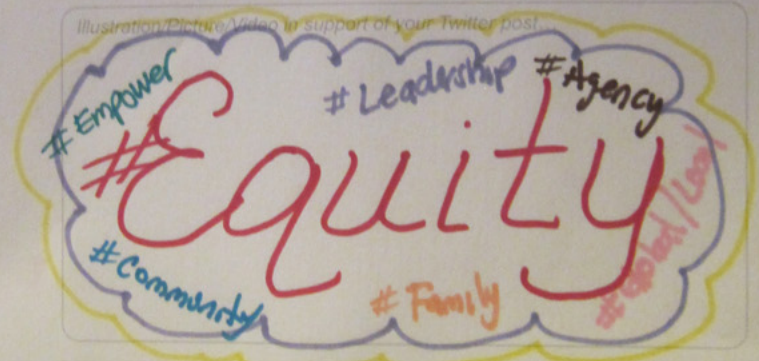
**Remake Learning** @remakelearning Oct, 2016  
Look how far our schools have come thanks to the #lispitt Fall 2015 meeting in Pittsburgh, PA @digitalpromise @EF\_MS @SFHighSch @avonworthschool

Name of this Initiative: \_\_\_\_\_

Draw  
Twitter  
Icon Here

@ Oct, 2016  
<Your Org Name> <Your Org Twitter Account Name>

Maker minds making the move for  
social justice  
<Your Tweet-140 character limit>



993 2.7K



**Digital Promise** @DigitalPromise Oct, 2016  
Thanks to #LISPitt conference 1 year ago League members are #remakinglearning through creative #partnerships that bring new experiences into the classroom [link to a story about your partnerships here!]



**Remake Learning** @remakelearning Oct, 2016  
Look how far our schools have come thanks to the #lispitt Fall 2015 meeting in Pittsburgh, PA @digitalpromise @EF\_MS @SFHighSch @avonworthschool

Name of this Initiative: Mobile Innovation Lab

Draw  
Twitter  
Icon Here

Baltimore City @ BaltComd Oct, 2016  
<Your Org Name> <Your Org Twitter Account Name>

Visit @mobileinnovation BCPS this  
weekend ~~at the~~ Towson Tom Festive  
#innovate #maker #create  
<Your Tweet-140 character limit>



993 2.7K

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Name of this Initiative: WiFi Anytime



Ronan Solway @ RSSInformation Oct, 2016  
<Your Org Name> <Your Org Twitter Account Name>

Today, all @RSSInformation students  
have WiFi to allow anytime, anywhere  
learning.  
<Your Tweet-140 character limit>



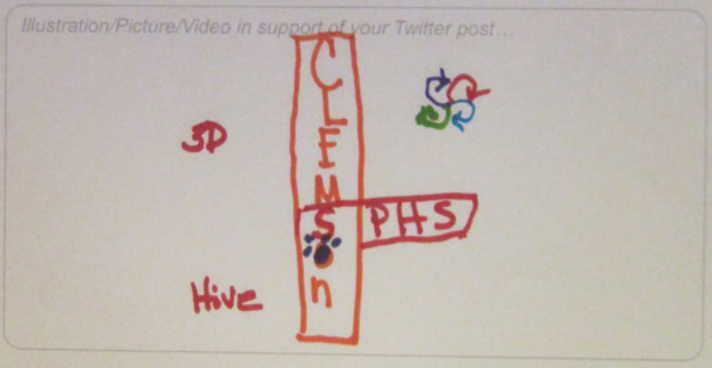
993 2.7K

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Look how far our schools have come thanks to the #lispitt Fall 2015 meeting in  
Pittsburgh, PA @digitalpromise @EF\_MS @SFHighSch @avonworthschool

Name of this Initiative: Choice/Magnet - STEAM

Draw Twitter Icon Here **RHSD** @ **Oct, 2016**  
 <Your Org Name> <Your Org Twitter Account Name>  
 RHSD announces confirmed student partnerships with Clemson and national and international businesses providing college credit and internships.  
 <Your Tweet-140 character limit>



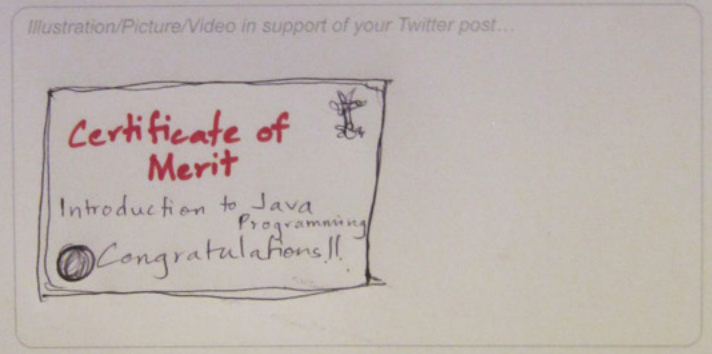
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 Look how far our schools have come thanks to the #lispitt Fall 2015 meeting in Pittsburgh, PA @digitalpromise @EF\_MS @SFHighSch @avonworthschool

Name of this Initiative: \_\_\_\_\_

Draw Twitter Icon Here mmb @ makingmoocsbetter **Oct, 2016**  
 <Your Org Name> <Your Org Twitter Account Name>  
 Local HS st. earn college credit by participating in MOOCs facilitated by local universities.  
 <Your Tweet-140 character limit>



993 2.7K

**Digital Promise** @DigitalPromise Oct, 2016  
 Thanks to #LISPitt conference 1 year ago League members are #remakinglearning through creative #partnerships that bring new experiences into the classroom [link to a story about your partnerships here!]

**Remake Learning** @remakelearning Oct, 2016  
 Look how far our schools have come thanks to the #lispitt Fall 2015 meeting in Pittsburgh, PA @digitalpromise @EF\_MS @SFHighSch @avonworthschool



Name of this Initiative: \_\_\_\_\_

Use the Action Plan template to envision the steps you will take from now until the beginning of the next school year to see your October 2016 Twitter post come to life.

**Oct 2015**

October  
thru  
December

January  
thru  
March

April  
thru  
June

July  
thru  
September

↓  
**Oct 2016**

Learn more: [www.luma-institute.com](http://www.luma-institute.com)

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Name of this Initiative: Hub City Purposeful Play Center

Use the Action Plan template to envision the steps you will take from now until the beginning of the next school year to see your October 2016 Twitter post come to life.

Oct 2015

October  
thru  
December

- o Visit Greenville Christmas Museum
- o Visit Ed Venture
- Meet w/ Jennifer Erins - Chapman Cultural Center
- Meet w/ Todd Stephens - Spartanburg Library
- Share idea w/ Preschool Providers - District 7 Head Start - ETC...

January  
thru  
March

- o Focus on a plan of Action to Create Space and develop programming
- o Gauge public interest in the project
- o Reach out to potential partners

April  
thru  
June

- o Develop Awareness (Community-wide)
- o Develop Campaign Strategy
- o Identify Final Resource Needs
  - Location
  - operations - staffing etc...
  - Cost

July  
thru  
September

- Hold Ribbon Cutting Ceremony in Early August of 2016 as we kick off 2016-2017 School term!
- Children/Community begins utilizing space

Oct 2016

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Name of this Initiative: Smart, Smarter, Smartest

Use the Action Plan template to envision the steps you will take from now until the beginning of the next school year to see your October 2016 Twitter post come to life.

Oct 2015

October  
thru  
December

- Write grant application - description, need, budget, partners
- Research Kaiser Foundation as potential funders, St. Joseph Hospitals
- Develop committee to determine Smart Lab location

January  
thru  
March

- Send application to identified <sup>potential</sup> funders,
- Investigate Mobile Van
- Convene committee meetings

April  
thru  
June

- Identify location for Smart Lab
- Install

July  
thru  
September

- Implement, measure, publicize

Oct 2016

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Name of this Initiative: K-5 EF Mobile FABLab

Use the Action Plan template to envision the steps you will take from now until the beginning of the next school year to see your October 2016 Twitter post come to life.

Oct 2015

October  
thru  
December

- Complete EF's Mobile FABLab
- Connect w/ community
- Search/for K-5 software Identify
- Professional Development for Teachers

January  
thru  
March

- Identify projects/activities
  - Holiday Projects
  - Curriculum enhancements
- Real-world Projects - To help Community! K-5 students improving community!!!

April  
thru  
June

- Family Maker Nights
  - A parent/child meeting

July  
thru  
September

- Summer Sessions - Enrichment
- Community Events - Teaching Community about the mobile FABLab

Oct 2016

Nov. 2016 - Present Vets to Vet Day

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Name of this Initiative: FOOD DESERT NO MORE

Use the Action Plan template to envision the steps you will take from now until the beginning of the next school year to see your October 2016 Twitter post come to life.

Oct 2015

October  
thru  
December

- RECONNECT w/ Atlanta INT'L SCHOOL OR AH. PRESBYT. SCHOOL.
- FIND A PARTNER.

January  
thru  
March

- ↳ GATHER MATERIALS NEEDED FOR GROWING PLANTS, VEGGIES, SEEDS, LIGHTS, ETC.
- ↳ MAKE PLANS for type of growth who grows what, etc.

April  
thru  
June

- ↳ plant, monitor
- ↳ collect data
- ↳ compare in-house
- ↳ at least 2 skype sessions sharing data/growing plants images.

July  
thru  
September

- ↳ HARVEST plants.
- ↳ CELEBRATION
- ↳ FEAST via video
- ↳ PLAN NEXT STEPS for solving food deserts or providing a solution.

Oct 2016

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*“Everyone designs who devises courses of action aimed at changing existing situations into preferred ones.”*

**HERB SIMON**  
Nobel Laureate in Economics

# Thank you!

Bill Lucas

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Steve Potter

[steve@luma-institute.com](mailto:steve@luma-institute.com)

