



<https://goo.gl/uvT1h5>

**Tapping  
the Creative  
Potential of  
Teachers &  
Students As  
Designers**

**A little bit  
about  
us...**

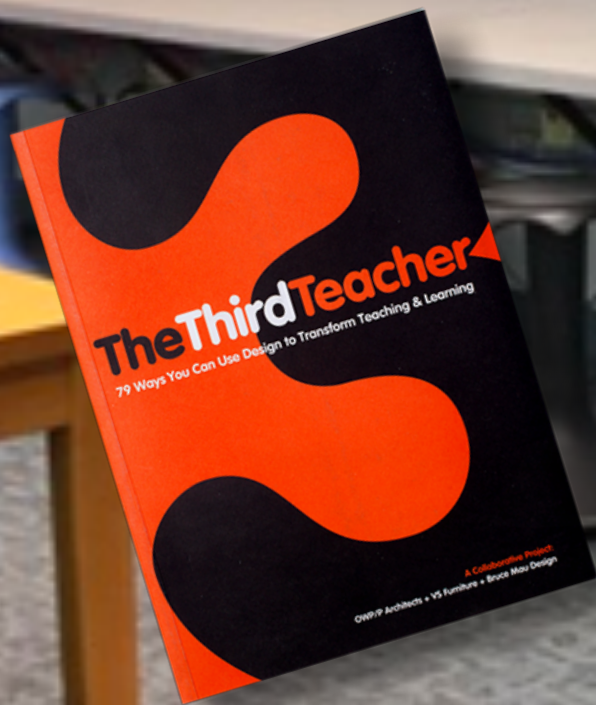
**<https://goo.gl/uvT1h5>**



# Today you will:

- Collaborate with students and teachers
- Learn strategies to tap into the creative potential of teachers and students as designers
- Rethink the way you engage key stakeholders
- Utilize human centered design as a problem-solving tool

**<https://goo.gl/uvT1h5>**



It all started with..







**DESIGN** **FOR**  
**LEARNING**





**EMPATHIZE**

**DEFINE**

**IDEATE**

**PROTOTYPE**

**TEST**



## HUMAN CENTERED DESIGN IN

# Education



### CURRICULUM

Every day you design ways to interact with your students around content. You can follow a design process to be more intentional about connecting this content to the interests and desires of today's learners by finding out more about the things that they do outside of school and connecting that to the content you are bringing to them.

How might I inspire students to engage in concerns of the environment?

How might I engage my students in compelling ways around learning world history?

How might I develop students to be active seekers of knowledge in subjects that they have little knowledge of?

How might I help children from disadvantaged backgrounds increase their vocabulary?



### SPACES

The physical environment of the classroom sends a big signal about how you want your students to behave. Right now we tend to think of our classroom spaces as standard... kids in rows, sitting in desks. By rethinking the design of our spaces, we can send new messages to our students about how they should feel and interact in the classroom.

How might I use my classroom space in different ways to help set my students at ease?

How might I create a comfortable space that meets the many needs my students have throughout the day?

How might we reimagine our school's library for the needs and interests of today's learner?

How might we create an exciting and effective space for teachers to collaborate?

How might we design our high school campus to best engage and support today's learner?



### PROCESSES AND TOOLS

Your school has already designed a set of processes or tools that may or may not be setting up your school for success. This is typically outside of the classroom and specific interactions around learning, and more around how the system operates. Every process is already designed, and thus can be redesigned! Sometimes creating tools can be essential to supporting newly designed processes.

How might I engage parents as an integrated part of their students' learning experience?

How might we recruit the best teachers to our school?

How might we re-envision arrival and departure procedures at our school?

How might we design ways to keep ourselves balanced and well?

How might we redesign our school schedule to be centered around the needs of today's families and teachers?



### SYSTEMS

Not everyone can always make decisions for the system that they exist within, but everyone can contribute to the design of that system. Designing systems is about balancing the complexity of many different stakeholder needs with the needs of the operation. When designing systems, we're often setting high-level strategy such as state decisions, priorities, policies, and key communications around these ideas.

How might we reinvision curriculum for an entire district while providing for individual schools' differences?

How might we track the development of students' character traits over time to help shape our school philosophy more intentionally?

How might we connect more with our neighborhood community?

How might we use our school as an R&D hub for schools nationwide?



## Students using HCD!



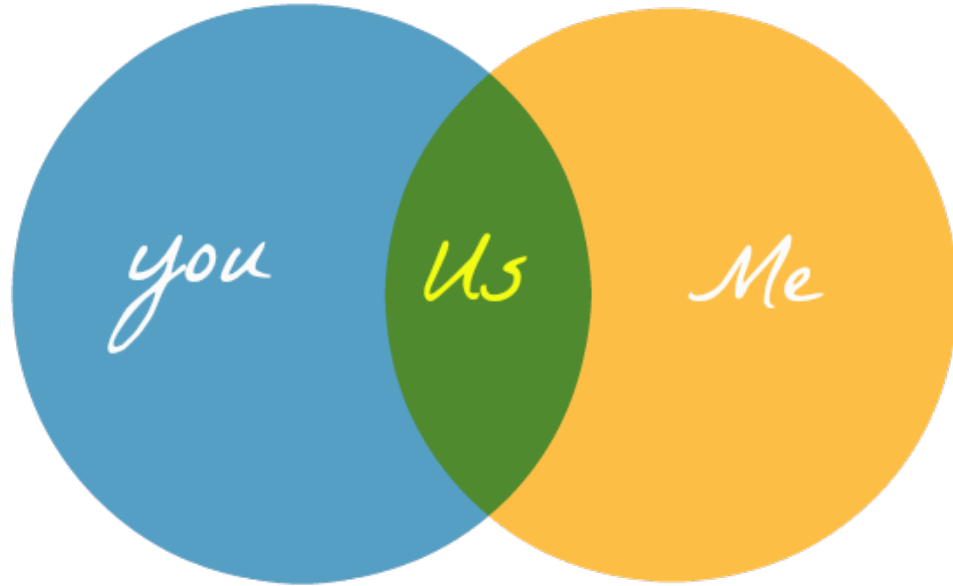


# Your Design Challenge





# 3 Things in 3 Minutes





# Commons



**Handbell Space**



# Mezzanine Space







Library



# EMPATHY FIELDGUIDE



# Emotions



Tell me a little bit about your experience in this space... how you use.... what you think about... ?

What was your best/worst/craziest/most memorable experience using this space....?

Why do you say that? Tell me more.

How did you feel at that moment, when \_\_\_\_\_ happened?



**Empathy interviews**  
**-seeking stories-**







# Ideate

how to brainstorm: **RULES**

**DEFER JUDGEMENT**

**GO FOR VOLUME**

ONE CONVERSATION at a time

**BE VISUAL**

**HEADLINE**

Build on the Ideas of Others

Stay on TOPIC

**ehub**

think • innovate • create

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Minnetonka Public Schools Foundation

S.I.T

Akshata  
Antonella

Walk in  
the  
Park

Good walk  
in the park  
up the  
hill?

Make the  
School

Imagine  
Students  
Annoyed  
Early  
Start

Have people  
come to  
the school

Similar  
areas  
(come from  
same school  
background?)

I'm I will  
get lost

Have school  
with walking

On  
Landscape  
Scene +  
Hilltops

Think just  
from a hill  
there

Something  
on the hill  
there

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Imagine  
Students  
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Hilltops

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FOR NEW STUDENTS  
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# Small Group Crit



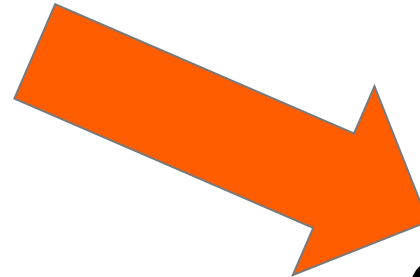
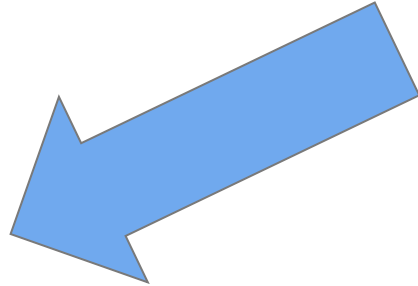
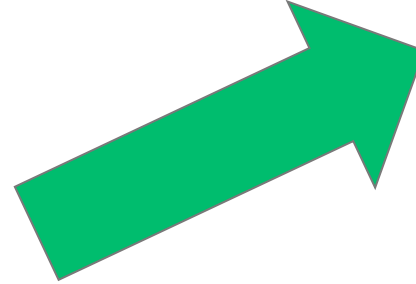
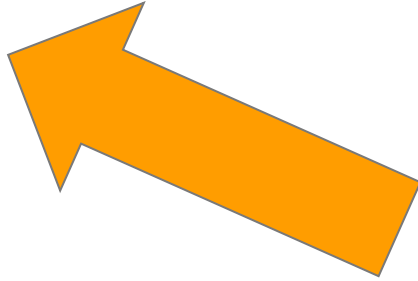
FRONT OF ROOM

**Handbell  
Room**

**Mezzanine**

**Library**

**Commons  
Area**





Lisa Reed • 2m

# How might you translate this session into your own work?

What can you bring with you? What additional resources might be helpful?

<https://goo.gl/N1pHNM>











