

Innovation Studio

Design Thinking & 21st Century Learning...

LEARNING
RESILIENCY
COMMUNICATION
CREATIVE CONFIDENCE



January 19 & 20, 2012

Thursday Jan. 19:
Morning Session

- Introduction to Design Thinking Process
- Begin Challenge: Need Finding, Empathy

Thursday Jan. 19:
Afternoon Session

- Continue Challenge: Defining a Point of View, Ideation Lesson

Friday Jan. 20:
Morning Session

- Finish Challenge: Rapid Prototyping, User Testing and Feedback

Friday Jan. 20:
Afternoon Session

- Bringing Design Thinking into CTE & ELA Classrooms

What is Design Thinking?

Design thinking is human-centered innovation. It is an orientation toward learning that encompasses active problem solving and believing in one's ability to create meaningful change. Becoming a design thinker is about developing a sense of creative confidence that is both resilient and highly optimistic.

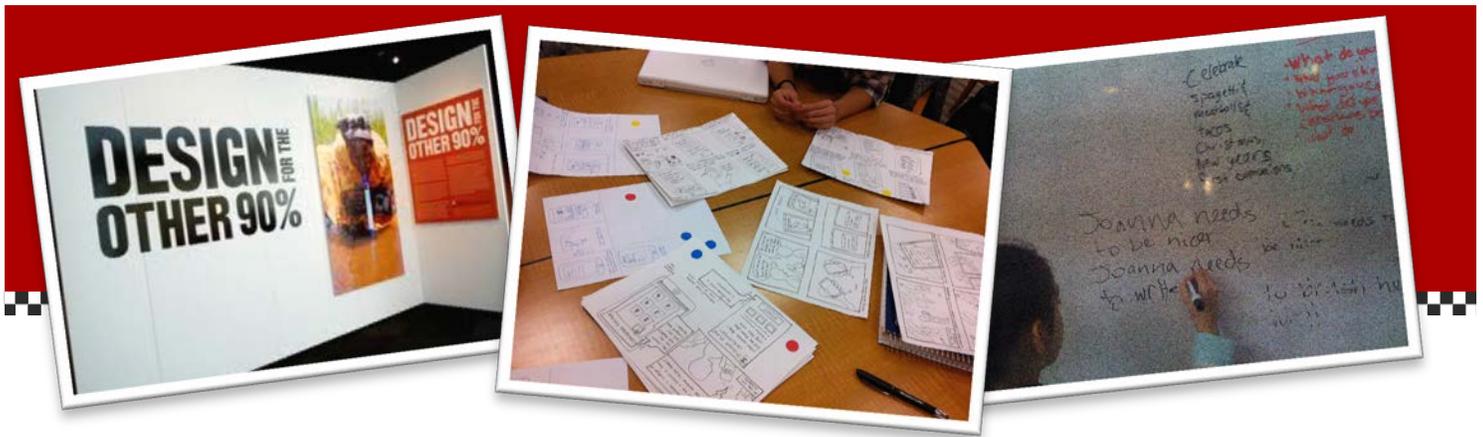
A focus on innovation, creativity, critical thinking, problem solving, communication and collaboration is essential to prepare students for the future.

Design thinking can help us imagine new possibilities for learning that will change the lives of both teachers and students in powerful ways as we confront the challenges and possibilities of teaching and learning in the 21st century.

By diving into a **hands-on experiential two-day workshop**, you will learn the **design thinking process** and how to apply it in your 6-9 CTE Tech Ed & English classrooms.

Partners: Stanford University, Utah State Office of Education, Granite CTE Institute, Governor's Office of Economic Development, and CTE Tech Ed Teams, grades 6-9.





Innovation Studio:

Creating Design Challenges that Fit Your Curriculum

At Innovation Studio, you will have the opportunity to create innovative curriculum materials linked to the **Common Core Standards in English Language Arts and Literacy in Technical Subjects**

The inspiration for the design challenge is the Smithsonian Institution National Design Museum. In their project, **“Design for the Other 90%”**, designers, engineers, students

and professors, architects, and social entrepreneurs from all over the globe are devising cost-effective ways to increase access to food and water, energy, education, healthcare, revenue-generating activities, and affordable transportation for those who most need them.

You will learn how a design challenge can provide opportunities to develop skills in reading, writing, speaking, and listening that are the foundation for creative and

purposeful expression both inside and outside of the classroom.

Design challenges involve critical reading, analyzing varied sources of information from written and oral texts, and using reasoning and communication to solve real-world problems through the design thinking process.

Five-Day Intensive Studio:

June 18-22, 2012

Why is Design Thinking Important?

While addressing Common Core Standards, you and your students will learn how to be empathy-driven problem solvers ready to tackle local and global innovation challenges.

Questions?

Contact Dr. Shelley Goldman & the REDlab team at sgoldman@stanford.edu.

Dr. Christelle Estrada & the Utah Design Team at Christelle.estrada@schools.utah.gov

Want to Know More?

Visit us at www.stanford.edu/group/redlab/cgi-bin/

