What Do *You* Want to Achieve

Thinking about your library and the work that you do, what do you want to achieve?

▷ Ensure library staff have what they need to guarantee teen access to quality services

▷ Build universal support for teen services in your site/system

▷ Facilitate opportunities for others to learn how to provide quality teen services

▷ Reimagine teen services through professional learning and engagement

YALSA's Transforming Teen Services:
Docking Soon at a Harbor Near You

June 7, 2019

Today's Facilitators

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Agenda

▷ Welcome/Introductions

▷ Project Overview

▷ What You Will Learn

▷ What Others Say

▷ What's Next?

Project Overview

What is This All About?

▷ Outgrowth of previous YALSA/COSLA IMLS project
▷ *Connected learning* proven to have positive impact on teen services & teen lives
▷ *Computational thinking* proven to be important to youth success
▷ Need to provide library staff serving teens with opportunity to learn how to integrate new approaches

"We have found that reconnecting with that younger self is a piece in library staff's thinking/training that has been lacking. You can almost hear the light bulb click on."

What You Can Learn

Modules

▷ Connected Learning (CL)
▷ Computational Thinking (CT)
▷ How to Connect CL & CT
▷ Child and Youth Development
▷ Facilitation

Computational Thinking

What do you think about when you hear "computational thinking"?

Demonstration

Let's Review:

Algorithm

Say it with me: Al-go-ri-thm

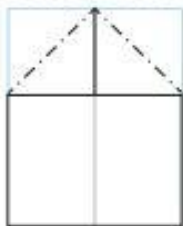*A list of steps that you can follow to finish a task*

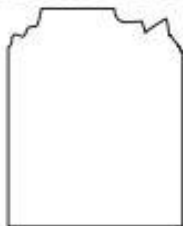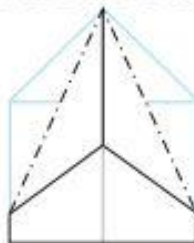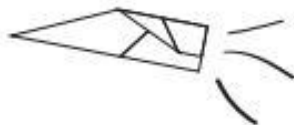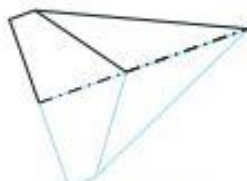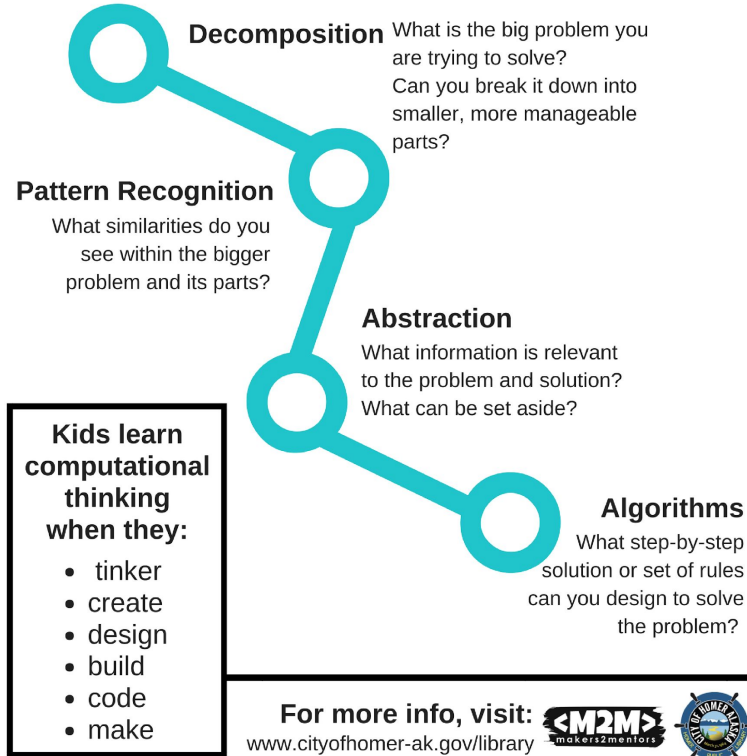|		
CUT CENTER OUT OF PAPER	CREASE PAPER DOWN THE CENTER	CRUMBLE PAPER
FOLD TOP CORNERS TO CENTER	RIP CORNER OFF PAPER	FOLD CORNER SIDES TO CENTER
TOSS FINISHED PLANE	FOLD PAPER IN HALF AGAIN	PULL SIDES DOWN

Computational Thinking

is a process that helps us create possible solutions for complex problems. The solution is presented in a way that humans and computers can understand.

Decomposition What is the big problem you are trying to solve?
Can you break it down into smaller, more manageable parts?

Pattern Recognition
What similarities do you see within the bigger problem and its parts?

Abstraction
What information is relevant to the problem and solution? What can be set aside?

Algorithms
What step-by-step solution or set of rules can you design to solve the problem?

Kids learn computational thinking when they:

- tinker
- create
- design
- build
- code
- make

For more info, visit: <M2M> makers2mentors
www.cityofhomer-ak.gov/library

Other Ways to Think About Computational Thinking

It's already a part of the youth services programming mindset!

Algorithms

FROGGY GETS DRESSED
by JONATHAN LONDON
Illustrated by FRANK REMKIEWICZ

https://storytimehooligans.wordpress.com/tag/froggy-gets-dressed-flannelboard/

Coding Collaboration at WLA 2018

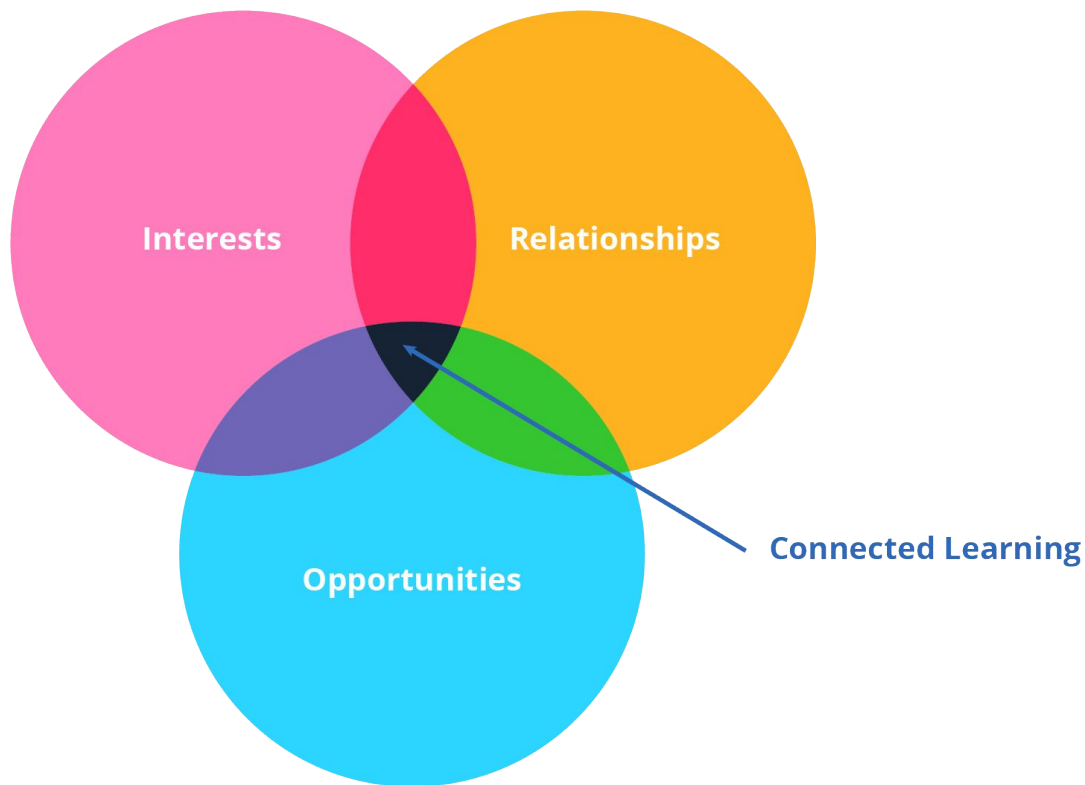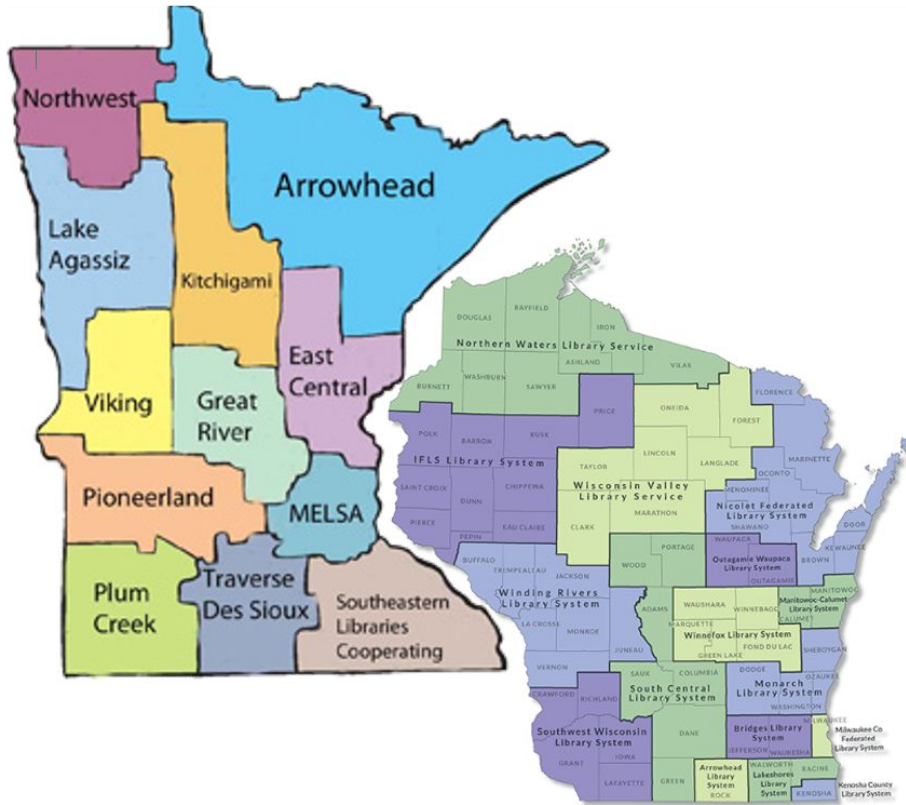# Connected Learning Exercise

Defining Connected Learning

What Others Say

Impact: building capacity for frontline staff

"The facilitation pieces were especially meaningful for me. I never had any training in that so I appreciate being able to have that and work through that with people." —SLA pilot partner, RI

"Connected learning extends to other ages beyond teens and many of the pieces that we're talking about in our state about community engagement and how to design things based on what your community needs rather than what you assume is best for them." —SLA pilot partner, WI

Impact: Value for frontline staff

100% **learned** something from training
95% would **recommend** training to other staff
93% intended to **apply** what they learned
91% felt more **confident**

"I feel encouraged to step out of my comfort zone." {AL}

"While I was focused on elements of *connected learning*, I did not have the formal vocabulary for it or any of the curriculum that goes with it, so for me this gave me a lot more tools to advocate for it and having those tools really gives me a sense of energy of what I can do moving forward." {ME}

"Everything I learned in the workshop was valuable and the feedback that *computational thinking* can be used a support of teen services to stakeholders is very useful." {RI}

Participant Reactions

▷ I liked that it was interactive! The info was reflective of what we observe on a daily basis.
- MN participant

▷ Simple changes make major improvements! - WI participant

What's Next?

How would you like to get the training?

▷ What are good locations?
▷ Conferences to tap into?
  ○ Presentations?
  ○ Preconferences?
▷ Something online?
▷ Timing?
▷ Topics?
▷ Partners?

Thanks!

Any questions? Ideas?

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