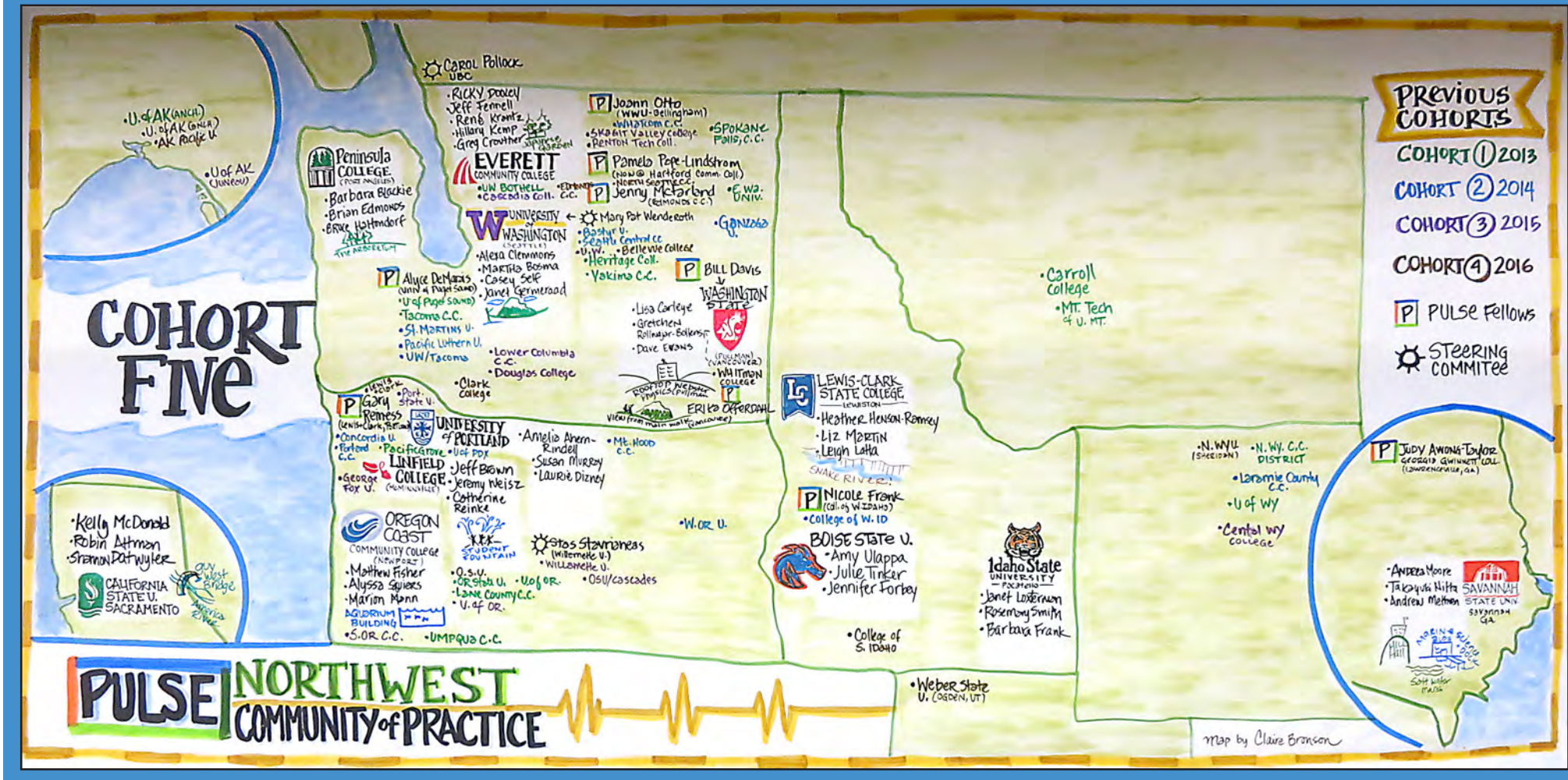
PULSE Northwest Community of Practice

Partnership for Undergraduate Life Sciences Education Cohort 5

October 13th-15th, 2017
Visual Summary



Cohort 5 Institutions:

Boise State University
California State University, Sacramento
Everett Community College
Idaho State University
Lewis and Clark State College
Linfield College
Oregon Coast Community College
Peninsula College
Savannah State College
University of Portland
University of Washington
Washington State University

Pulse Northwest Community & Cohort 5

Pulse Northwest Community of Practice

Cohort 1: 2013

Cohort 2: 2014

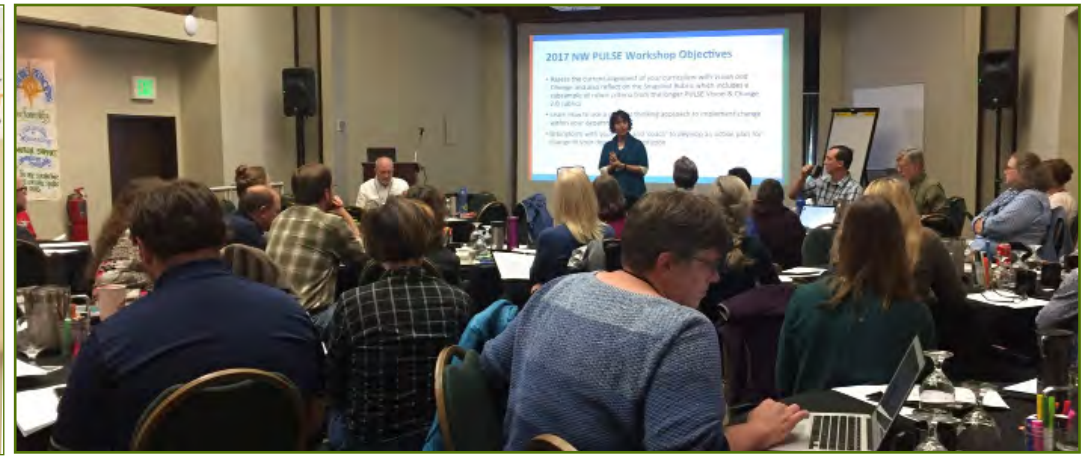
Cohort 3: 2015

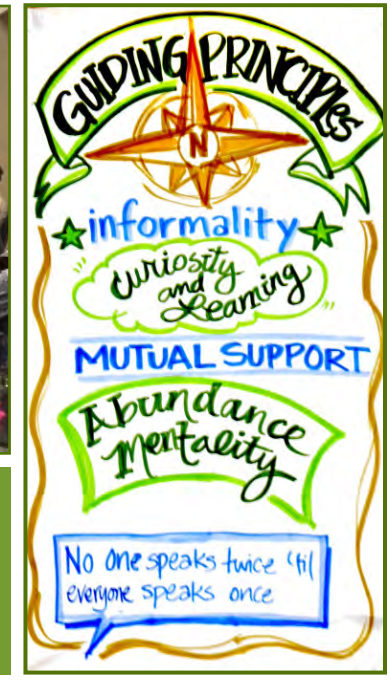
Cohort 4: 2016

Vision
*Inspiration
*Resources
*Community
Action Plan
Sunday October 15
·Poster Fair
·Taking it Home
Saturday October 14
·Systems Thinking with Ann Austin
·Visioning
·Putting it All Together
Team Time Planning
·More Tools!
Friday October 13
·Welcome
·rubrics
·Intro Systems Thinking
PULSE Cohort 5 Agenda
northwest

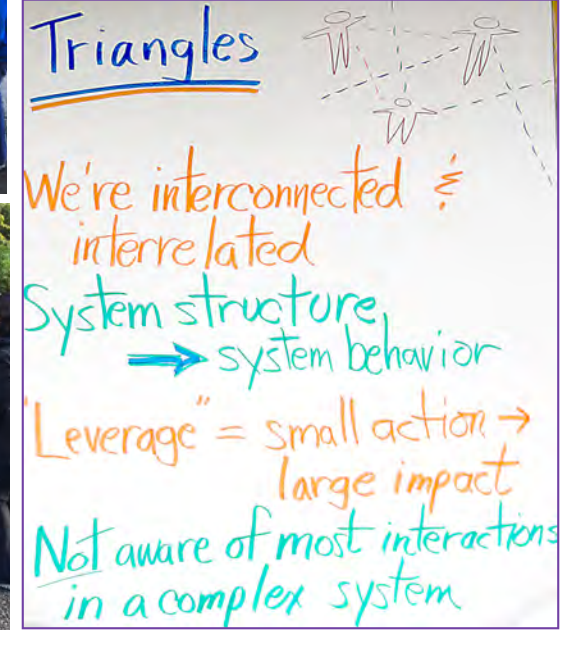
assess your Curriculum Alignment with Vision & Change
apply Systems Thinking Tools to Implementing Change in your Department
engage Rubrics to assess Current Reality and monitor progress toward goals
consider Tools & Practices used by others to Facilitate Change
GOALS
Learn Successful Strategies used by other departments
Learn about PULSE Toolkit filled with Resources for life sciences education
create a Strategic Plan for Change in your department
Form a Community of Practice to continue with Learning, support and accountability after the workshop

See NON-TRADITIONAL STUDENTS Succeed!
HELP MY DEPT. SUPPORT STUDENTS W/ innovative programs
V+C is IMPORTANT
Tools + Strategies
NEW WAYS TO IMPLEMENT CHANGE
wider range of student success
for DIVERSE STUDENT BODIES.
Develop DEPARTMENTAL STRATEGY + BETTER Teaching Practices
WORK WITH FABULOUS COLLEAGUES
SHARE BEST PRACTICES + SUPPORT INNOVATION
TIME with faculty to PLAN
Meet NEW PEOPLE + IDEAS
IMPROVE the way I present material AND HELP MY DEPT SHARE their IDEAS!
MOVE FROM INDIVIDUAL → DEPT approach to SHARED CURRICULUM
OPPORTUNITY for Reflection time with Great People!
how to PRIORITIZE V+C
MAKE MY INSTITUTION STELLAR!
learning something NEW
SPREAD CHANGE
SUBVERT DOMINANT Paradigm CULTURE
WHY are YOU here?
IDEAS for CONSTRUCTING NEW DEPT. FRAMEWORK + share those ideas
Help my DEPT. value teaching
DEPARTMENT-WIDE INTEGRATION!
Tie together Better for students!
MODERNIZE + BETTER STRUCTURE
IMPROVE CURRICULUM revision
STUDENT FUTURE!
DEPT-WIDE
develop VISION think SYSTEMS THINKING!
How to INTRODUCE
Learn About SYSTEMS THINKING
AFFECTING CHANGE
Be a coach
Better teaching PRACTICES for DIVERSE student body!
GET ON The Same PAGE
HIGHER ORDER VISION!
create SHARED VISION at our school!
improve Life Science EDUCATION
LEARN HOW TO MOTIVATE department to embrace CHANG
help TRANSFORM DEPARTMENT!
Learn how to Inspire CHANGE
Develop ASSESSMENT PROGRAM
Think about ASSESSMENT Review

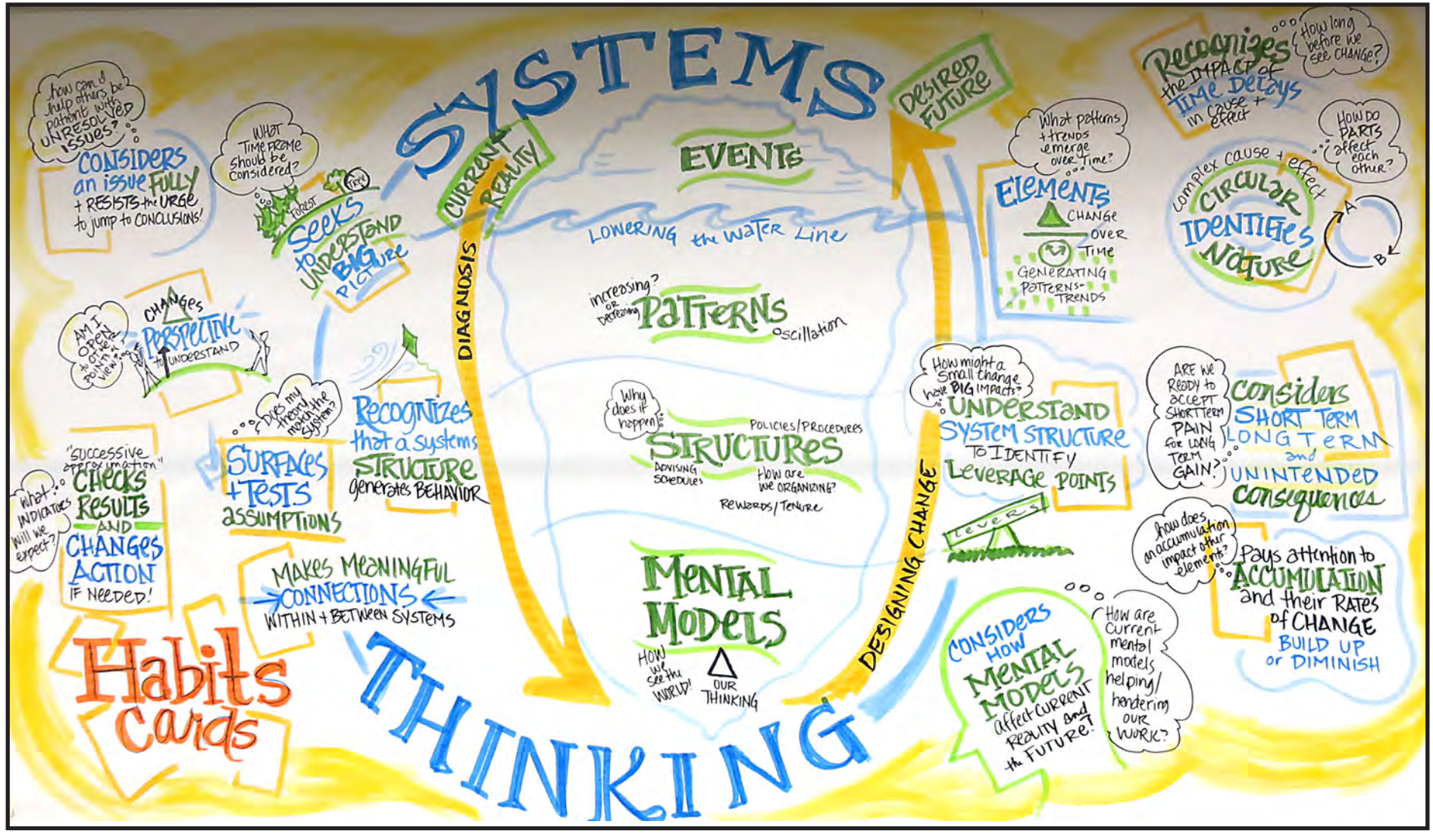




Systems Thinking: Triangles

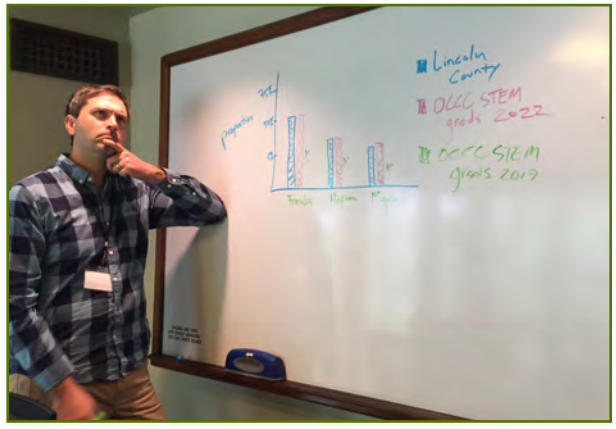


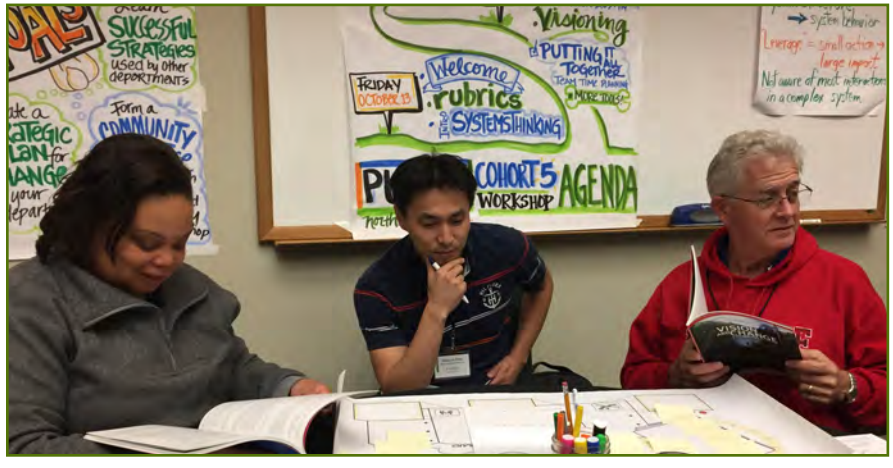
System Thinking Tools: Habit cards and the Iceberg Model

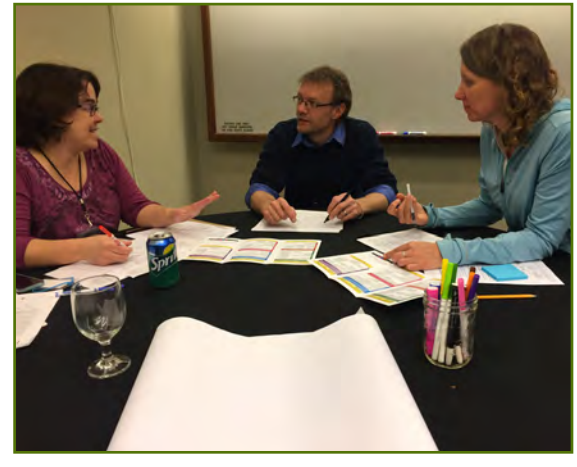


Ann Austin's Talk:
Taking a Systems Approach in Undergraduate Science Education

Synthesis of Ann Austin's talk


Lincoln County
OCCC STEM grads 2022
OCCC STEM grads 2019

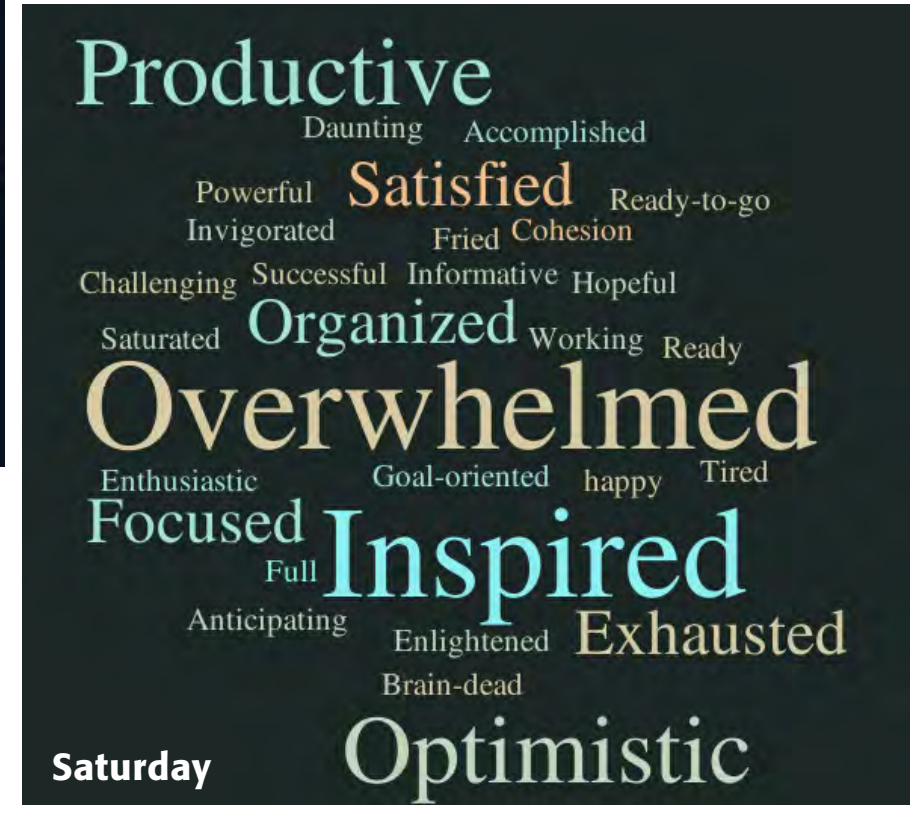

Visioning
PUTTING IT Together
Welcome
rubrics
SYSTEMS THINKING
FRIDAY
OCTOBER 13
COHORTS AGENDA
WORKSHOP
Form a
COMMUNITY



Team Time

IDEAS that WORK:
Iceberg for systems analysis
Dynamic Governance
Community Resources

One-word check-ins:
Quick visual assessment at the end of Friday and Saturday.



Verbal Check-out:
How you arrived Friday and how you left Sunday.

visual facilitation & visual summary
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