



Project Finish Line

Learning Community Convening: *Measuring Program Effectiveness* *Data Coaching Mini-Session*

Adapted from Data Coaching Trainings Led by
Sarita Siqueiros Thornburg and Jill Patnode

Puget Sound Educational Service District

October 10, 2016

Mini Session Objectives

- Present the data coaching theory of change and data coaching cycle, identifying ways these connect to supporting community college students
- Share protocols that can be helpful at each stage of the cycle of inquiry and action
- Practice facilitation strategies to support productive, challenging conversations about data

Data Coaching Resources

- Resource Website:
<https://www.psesd.org/services/learning-and-teaching/program-evaluation-and-data-services/data-services/>
- Mini session focus:
Day Two Materials

Data Services

Are you using the right data to understand and tackle significant issues in your work? Does your organization or team have the tools needed to do this? Data coaching helps teams more effectively use data to move toward action.

Contents for Data Services [hide]

Data Coaching
OSPI District and School Data Team Toolkit
Data Coaching Materials
Data Coaching Workshop: City of Seattle Dept. of Education & Early Learning November 19 & 20, 2015
Data Coaching Workshop: Student and School Success September 10 & 11, 2015
Data Coaching Workshop: Discipline Data August 18-29, 2015
Data Coaching Workshop: ECEAP August 15, 2014

Data Coaching

- Increase the usefulness of your data
- Develop your team's capacity to use data
- Support a culture of meaningful data use in your school, district, program, coalition, etc.

OSPI District and School Data Team Toolkit

Data Coaching Materials

Data Coaching Workshop: City of Seattle Dept. of Education & Early Learning
November 19 & 20, 2015

- Materials (.zip)

Data Coaching Workshop: Student and School Success
September 10 & 11, 2015

- Day One & Two Materials (.zip)

Data Coaching Workshop: Discipline Data
August 18-29, 2015

- Day One Materials
- Day Two Materials (.zip)

Data Coaching Workshop: ECEAP
August 15, 2014

- Materials (.zip)

Data Coaching Theory of Change

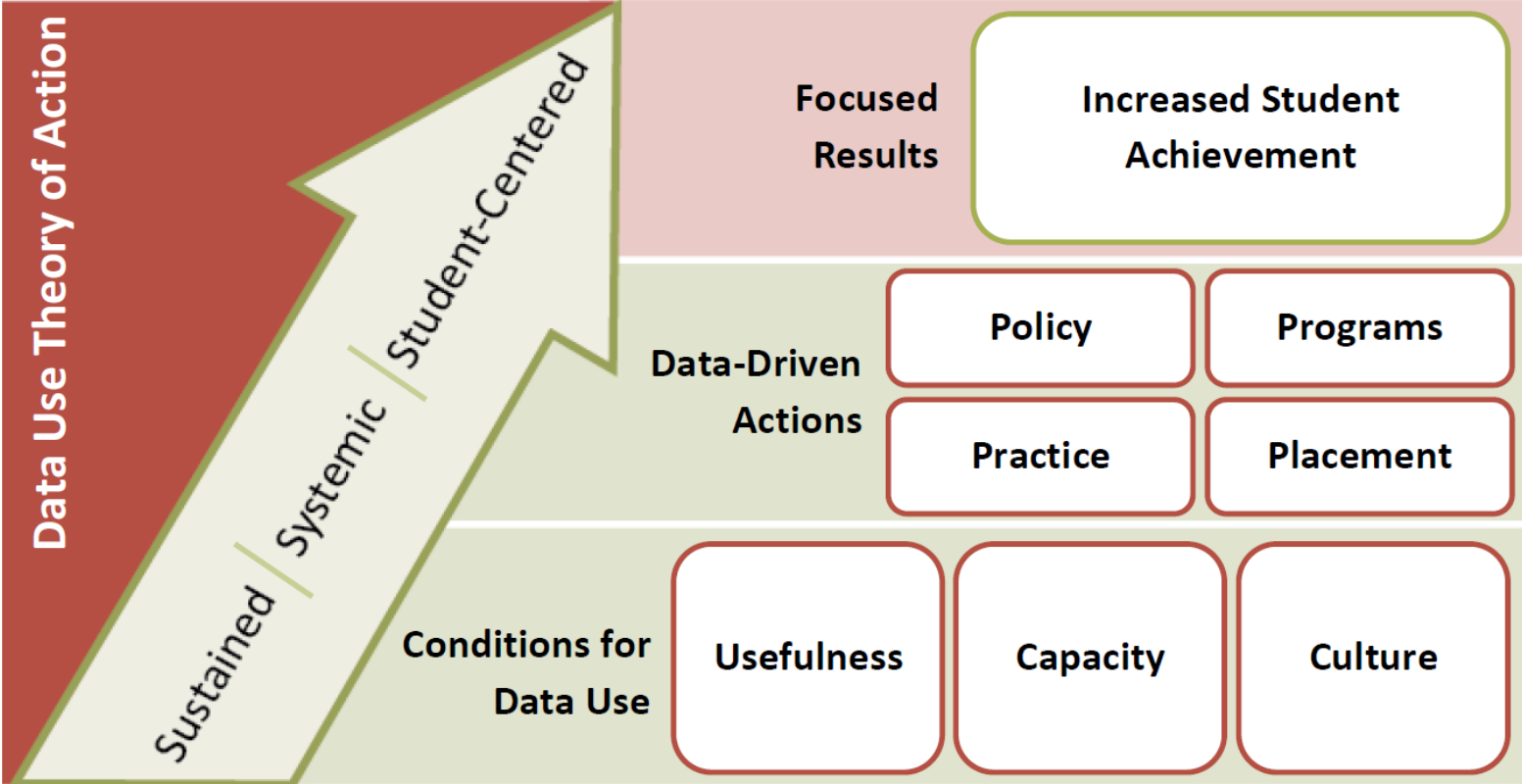
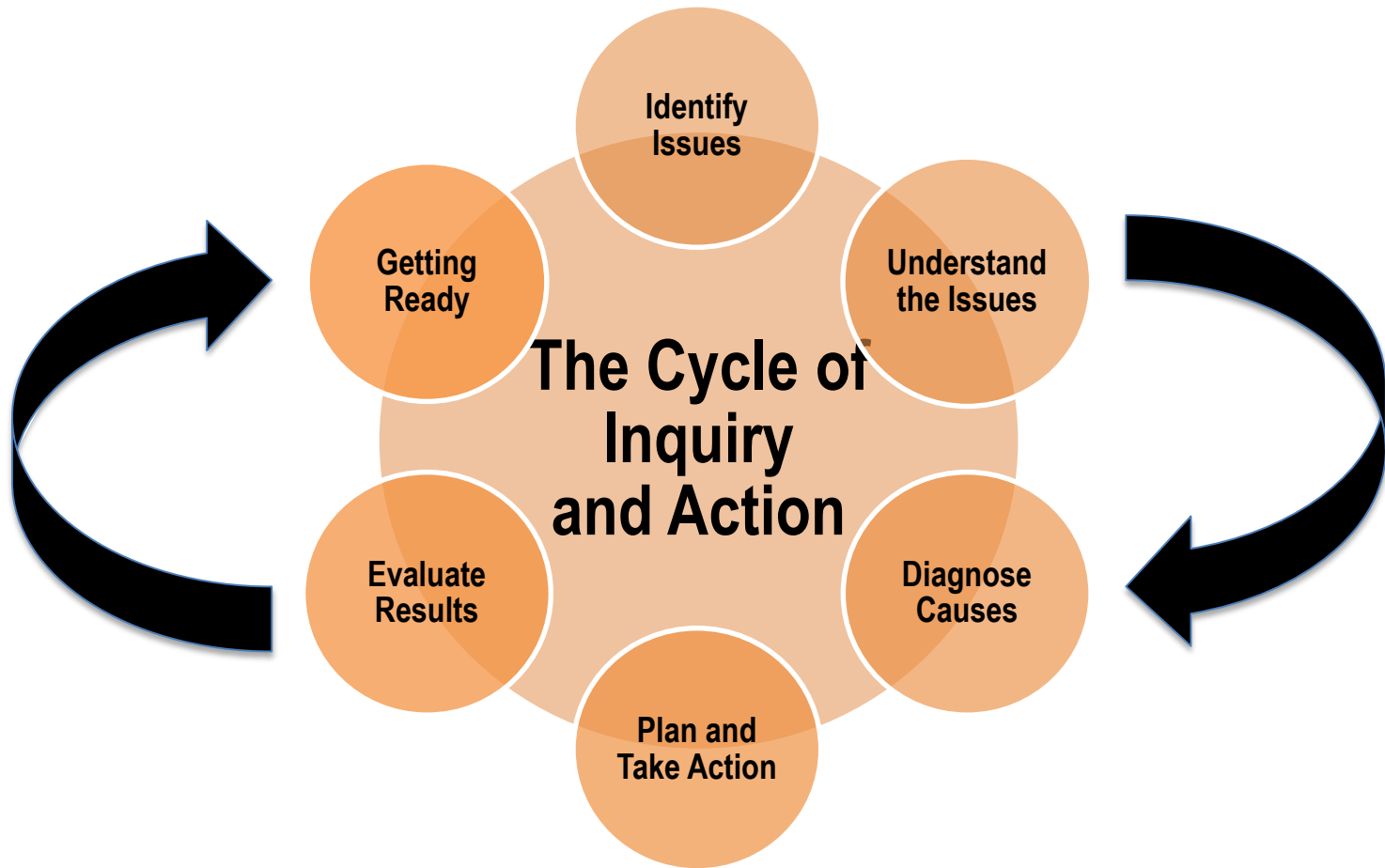


Figure 1.

© 2012 Public Consulting Group, Inc.

Cycle of Inquiry and Action



Getting Ready

- Lay the foundation to support the data team's work
- Develop a vision for data use with broad input from stakeholders
- Assess the current state of data use
- Compare the current state of data use to the vision, and identify gaps to be addressed

Identify Issues

- Formulate the questions that will drive data collection and analysis
- Clearly state the questions and identify the data needed to answer them

Understand Issues

- Begin to analyze data, generating clarifying questions to focus the inquiry
- Identify data needed to dig deeper into the issue and learner-centered or fundamental problems

Diagnose Causes

- Conduct a root cause analysis using data from multiple sources
- Generate educated guesses about causes of problems
- Closely examine your hypothesis to accurately define the problem being addressed and identify possible solutions
- Create effective data displays and data overviews to conduct initial analyses

Plan and Take Action

- Put new knowledge to work by developing a logic model and articulating clear measures that will guide and focus action
- Clearly describe outcomes and select strategies
- Keep the plan alive through the use of implementation indicators and interim benchmarks

Evaluate Results

- Extend the formative evaluation conducted during implementation to the summative evaluation of an action plan's outcomes
- Conduct an evaluation that sums up the gains made through your actions and set the stage to repeat the inquiry cycle
- Communicate with stakeholders about the project's outcomes

Data Coaching Guiding Questions

- How will data coaching reflect the racial, linguistic and ethnic composition of the community?
- How have people of color (staff, families, students and school staff and community members) affected by the issue been involved in the development, implementation and evaluation of the issue?
- How have racial inequities been clearly documented? If they have not, what is the plan for doing so?
- How will the team consider the whole child tenets, which ensure all people are healthy, safe, engaged, supported, and challenged?

Data Coaching: 20 Reasons Protocol

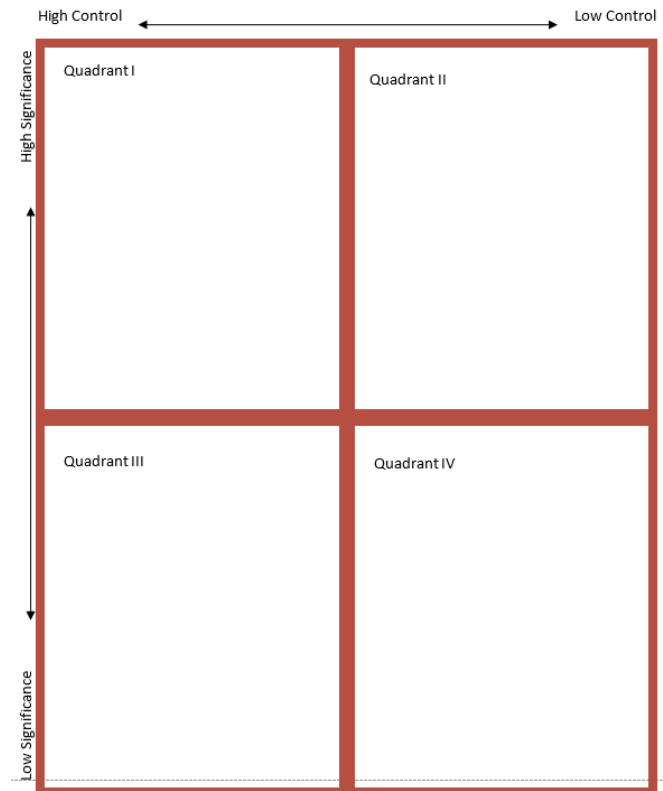
- See pp. 21-26
- Utilized to **Diagnose Causes**
- Activity
 - The data team will brainstorm 20 reasons why students are experiencing difficulties completing college in order to come to agreement about what the most likely cause(s) of the problem may be

20 Reasons Template

Problem:		
#	Possible Explanation	Root Cause?
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

Data Coaching: Significance and Control Matrix

- See pp. 21-26
- Both are utilized to **Diagnose Causes**
- Activity
 - The data team will use post-its to place the 20 reasons why students are experiencing difficulties completing college into four quadrants



Data Coaching: Discussion, Questions and Closure