Community of Practice (CoP) Meeting

Module 16: Data Use for Continuous Improvement

Module 16 Overview

This resource is designed as a support for local facilitators who plan to lead Community of Practice (CoP) meetings for educators who have participated in the asynchronous, online professional learning in the Minnesota Data and Assessment Literacy (MnDAL), Strand 4, Module 16 for Educators. This resource provides an optional and flexible structure for a collaborative discussion that can extend and apply learning from the module to the local context. Facilitators may adapt this resource to meet their own needs.

Module 16 focuses on using data to support equity and improvement in classrooms and schools. In this module, you learned about continuous improvement and the role of data in improvement efforts. We will considered a wide range of data sources that contribute to a more complete and authentic picture of learners and learning than we can achieve by relying primarily on assessment data. Finally, we engaged in an audit of data sources you currently access in your practice and begin to expand your data use to promote equity and improvement.

Module 16 Learning Goals

- Understand continuous improvement and the role of data in improvement efforts.
- Learn about the range of data that can inform improvements in an equity-focused school and classroom.
- Understand data use practices that support equity.

Module 16 Success Criteria

- Analyze current data use practices and begin planning to expand use of data for improvement in your classroom and school.

Checklist of Activities in Module 16

Module	Activity	Completed
16.0	Module 16 Overview	☐
16.1	Reflection and Discussion: Current Data Use Practice	☐
16.2	Narrated Presentation: Data Use for Equity and Improvement	☐
16.3	Read and Reflect: Valuing Professionalism and Minimizing Variability	☐
16.4	Article: Data-Driven Decision-Making Model for Educators	☐
16.5	Article: Identifying Appropraite Data Sources	☐
16.6	Activity: Data Inventory	☐
16.7	Reflection	☐
16.8	MDE Wrap-Up Survey and CEU Credits	☐

Module 16 Considerations for Local Facilitators

Ensure that everyone can access the course materials and resources, including the downloadable content (PDFs, Word) and the narrated presentations (videos).

Module 16 Resources

The facilitator should be familiar with the materials and downloadable resources that support learning in the module.

- 16.2 Narrated Presentation: Data Use for Equity and Improvement
- 16.4 Article: Data-Driven Decision-Making Model for Educators (downloadable PDF)
- 16.5 Article: Identifying Appropriate Data Sources (downloadable PDF)
- 16.6 Worksheets: Data Inventory and Annual Data Cycle in the Classroom (downloadable PDFs and Word)

Facilitator's Agenda—Module 16: Data Use for Continuous Improvement

Preparing for the Module 16 CoP Meeting

Remind participants to bring the journal entries (print or electronic) that they captured from the module as they will be helpful for discussions.

Gather chart paper and markers.

Discussions for Module 16 will focus on:
- analyzing data practices for continuous improvement.

If this CoP meeting will be held remotely, set up your desired meeting platform and create any necessary additional documents or interactions, such as a shared Google Doc or folder, polls, and use of the meeting chat box and question features. See notes in the facilitator agenda below.

Facilitators should send participants the Participant's Agenda (see last two pages) prior to the CoP meeting.

Module 16: Community of Practice—Facilitator's Agenda

Estimated Time	Activity
5 min	**Welcome** Review the CoP Learning Goals, Success Criteria, and agenda. Introduce and establish norms (norms previously established can be posted somewhere as a reminder).
10 min	**Sharing** Each participant takes about two minutes to share their experiences, thoughts, and questions about Module 16. (If necessary, you can break into small groups to fit this within a 10-minute window.) Suggested Prompts: • Was there something in the content for Module 16 that stood out to you? • What tools did you find useful and engaging?
15 min	**Whole Group Discussion** Each participant takes a moment to look over their notes from Activity 16.5. Each participant should have a copy of the article "Quality Data Sources" from Activity 16.5. Prompt participants to take a moment and reflect upon their notes and what they learned from the article. Ask participants to share their thoughts about the types of data they use, whether satellite, map, or street data. Consider the following: • In our education system, what types of data do we rely on most—satellite, map, or street data? o Why do we focus on this type of data?

Estimated Time	Activity
	o How might other types of data add value?
25 min	**Small Group Discussion** Explain that participants will be working with a partner or small group to analyze data practices outlined in the article. Share three-column charts that are labeled by category: Data Practice, + (positive uses), and Δ (recommended changes). Participants will be creating charts that identify a data practice, describe positive ways in which their education system makes use of the data practice, and describe recommended changes to make better use of the data practice. Remind participants to refer to the article to complete their charts. Distribute chart paper and markers while participants form partnerships or small groups. Assign each group a data practice to chart (if meeting virtually, consider using a shared Google Doc). Once the participants have completed their charts, direct them to share their chart with the whole group. Ask them to record additional ideas from other participants on their charts.
5 min	**Closing Reflection on the CoP** As a group, discuss the following questions: • What worked for us? Do we need to change our approach at our next CoP? • What are your key takeaways that you want to reflect and/or act on? • Are there any assessment practices you are likely to change in your classroom?
Total Time	60 minutes

Notes:

Module 16: Community of Practice (CoP)—Participant's Agenda

Estimated Time	Activity
5 min	**Welcome** CoP Learning Goals, Success Criteria, and Agenda Norms
10 min	**Sharing** Consider the following: • Was there something in the content for Module 16 that stood out to you? • What tools did you find useful and engaging?

15 min	**Whole Group Discussion**
	
	Review notes from Activity 16.4.
	
	Obtain a copy of the article "Quality Data Sources" from Activity 16.5.
	
	Reflect upon your notes and what you learned from the article. Be prepared to discuss your thoughts about the types of data you use, whether satellite, map, or street data.
	
	Consider the following:
	
	• In our education system, what types of data do we rely on most—satellite, map, or street data?
	  ○ Why do we focus on this type of data?
	  ○ How might other types of data add value?

25 min	**Small Group Discussion** Work with a partner or small group to create a chart that features a data practice. Identify a data practice, describe positive ways in which the education system makes use of the data practice, and describe recommended changes to make better use of the data practice. Be prepared to share your chart and contribute ideas to the charts created by fellow participants.
5 min	**Closing Reflection on the CoP** Consider the following: • What worked for us? Do we need to change our approach at our next CoP? • What are your key takeaways that you want to reflect and/or act on? • Are there any assessment practices you are likely to change in your classroom?
Total Time	60 minutes