

This module has been designed to support those providing Mathematics Professional learning for K-12 classroom educators.

## Classroom Management Presentation Guide

### Session Description

Through a variety of professional learning activities and the exploration of classroom strategies, participants will understand that careful attention to planning and the use of many strategies will enhance classroom management to develop an environment that optimizes student learning.

### Importance

“Contemporary views in mathematics education promote classroom practices that value student voice, develop students’ mathematical thinking, and engage students in mathematical inquiry. Meaningful mathematics takes place in K to 12 classrooms that support students as they investigate, represent, and connect mathematical ideas through discussion in the context of problem solving.”  
*(What Works? Research into Practice Making Space for Students to Think Mathematically)*

### Learning Focus

*Participants will:*

- Deepen understanding of the importance of Classroom Dynamics
- Reflect on classroom management through the use of the Classroom Dynamics materials
- Plan for a positive learning environment

### Agenda

#### Minds On:

- Establishing Norms
- Current Practice Reflection
- What is Classroom Dynamics? Why is it Important?

#### Action:

- Classroom Management Strategies
- Dilemmas Activity - Four Corners and Placemat
- Checklists – Classroom Examples

#### Consolidation:

- Reflection - Making a Plan
- Resources

### Professional Learning Module Contents

- Presentation Guide: Overview, Learning Activities, Questions to Stimulate Conversations (as needed), Aha Moments (possible participants’ insights), Materials, and Adaptations (20 minute, and 2.5 hour sessions)
- PowerPoint with Script and <<presenter notes>>
- Black Line Masters (BLM)

| Learning Activities  | Questions to Stimulate Conversation  | Aha Moments   | Materials  |
|--|--|---|--|
| <p style="text-align: center;"><b>Opening and Minds On (15 minutes)</b></p> <p><b>Introductions, Learning Focus, Agenda (Slides 1 - 4)</b><br/><b>3 minutes</b></p> <p><b>Establishing Norms (Slides 5 - 6) 5 minutes</b><br/>Co-construct norms with participants.</p> <p><b>Current Practice Reflection (Slides 7 - 8) 2 minutes</b><br/>Participants use BLM 1 to reflect on their current practice. This will be revisited at the end of the session.</p> <p><b>What is Classroom Dynamics? Why is it Important? (Slide 9 - 15) 5 minutes</b><br/>Classroom dynamics is the necessary foundation for developing powerful learning environments.</p>  | <ul style="list-style-type: none"> <li>• What norms would you like to see in your classroom?</li> <li>• Why is it important to co-create norms?</li> <li>• What role does an agenda/advanced organizer play in the classroom?</li> </ul>   | <ul style="list-style-type: none"> <li>• Norms are non-negotiable when agreed upon, but may need revisiting as the term/year progresses</li> </ul>  | <ul style="list-style-type: none"> <li>• BLM1 or BLM1A - Reflection Sheet (1 per participant)</li> <li>• <i>Third Teacher</i> (1 copy per table)</li> <li>• Projector and screen</li> <li>• Internet access</li> <li>• Optional sticky notes, markers, chart paper</li> </ul>              |
| <p style="text-align: center;"><b>Action (50 minutes)</b></p> <p><b>Classroom Management Strategies (Slide 16 - 18)</b><br/><b>5 minutes</b><br/>Participants reflect on their own classroom experiences and share with another person.</p> <p><b>Dilemma Activity – Four Corners (Slide 19) 20 minutes</b><br/>Participants break into 4 groups to discuss classroom management dilemmas.</p> <p><b>Dilemma Activity - Placemat (Slide 20) 20 minutes</b><br/>Participants share their discussions and consolidate their thinking.</p> <p><b>Checklists and Classroom Examples (Slides 21 - 25)</b><br/><b>5 minutes</b><br/>The examples provided are secondary. You may wish to use elementary examples depending on your audience.</p> | <ul style="list-style-type: none"> <li>• Dilemma 1: Inequity in accessing technology can cause ever-widening gaps. How can you level the playing field?</li> <li>• Dilemma 2: Why are students behaving in this manner?</li> <li>• Dilemma 3: How do I triangulate the data?</li> <li>• Dilemma 4: Why is this student late or missing this class? How can technology help?</li> </ul> | <ul style="list-style-type: none"> <li>• Classroom management can be an entry point for teachers.</li> <li>• I have many strategies in place.</li> <li>• I will form a collegial partnership with ____.</li> <li>• Focus questions lead to ideas I hadn't thought of before.</li> </ul> | <ul style="list-style-type: none"> <li>• Timer</li> <li>• BLM 2 – 4 Corner Headings</li> <li>• BLM 3 – Dilemmas (cut with questions in envelopes)</li> <li>• <i>Start-Up and Ongoing Checklists</i> copied two-sided (1/ person)</li> <li>• BLM 4 - Placemat (1 per group of 4)</li> </ul> |

| Learning Activities   | Questions to Stimulate Conversation  | Aha Moments   | Materials  |
|---|--|---|--|
| <p><b>Consolidation/Debrief (25 minutes)</b><br/> <b>Reflection - Consider Current and Possible Actions and Affects (Slides 26 – 30) 10 minutes</b><br/>           Participants reflect on current practices, consider actions, judge the ease of implementation and the potential for positive effect on classroom management.</p> <p><b>Making a Plan (Slide 31) 5 minutes</b><br/>           Participants are encouraged to select strategies and to make a plan. You may wish to have some participants share their plan.</p> <p><b>Resources (Slides 32 - 35) 3 minutes</b></p> <p><b>Revisit Reflection (Slide 36) 5 minutes</b></p> <p><b>Session Wrap Up (Slide 37) 2 minutes</b></p> | <ul style="list-style-type: none"> <li>• Which strategies seem to provide big gains with little preparation?</li> <li>• Who might you ask to help you implement this change?</li> <li>• How has this session made you think about the instructional decisions you make in your classroom?</li> <li>• What is one thing you could implement tomorrow? next term or semester?</li> </ul> | <ul style="list-style-type: none"> <li>• There are easy strategies I can implement that will have a big effect on my class!</li> <li>• I should encourage networking between staff members to support and help reflect on changes.</li> <li>• I am thinking about how important these seemingly little pieces are.</li> </ul> | <ul style="list-style-type: none"> <li>• <i>Classroom Management Self-reflection</i> (1/participant)</li> <li>• BLM 5 – Possible Actions (1/participant)</li> <li>• BLM 1</li> </ul> |

**Suggestions if you are offering the session as part of a series:**

- Do one or both of the other pillars of Classroom Dynamics – Relationships and/or Set-Up.
- Include an invitation to “try something and document results” before the next session.
- Encourage participants to form collegial partnerships or groups to support each other as they proceed.

**Considerations if you are offering the session through Adobe Connect:**

- Communicate before the session so participants can prepare the needed materials.
- Provide opportunities for ongoing collaborative discussion and sharing experiences as participants begin to apply their learning.

| Adaptations   | Materials   |
|---|---|
| <p><b>If you have 20 minutes:</b><br/> <i>Learning Focus:</i></p> <ul style="list-style-type: none"> <li>• Deepen understanding of the importance of Classroom Dynamics</li> <li>• Reflect on classroom management through the use of the Classroom Dynamics materials</li> </ul> <p><i>Activities:</i></p> <ul style="list-style-type: none"> <li>• Introduce Classroom Dynamics Overview.</li> <li>• Focus on classroom management and strategies.</li> <li>• Alternative to the Four Corners activity is for the group to pick a dilemma to focus on and use the other dilemmas in other sessions.</li> </ul> <p>Note: For consideration, combine this 20 minute session with a content focused module.</p>  | <ul style="list-style-type: none"> <li>• Projector and screen</li> <li>• Internet access</li> <li>• BLM 3 - Dilemmas</li> </ul> |
| <p><b>If you have 2.5 hours:</b><br/> <i>Learning Focus:</i></p> <ul style="list-style-type: none"> <li>• Deepen understanding of the importance of Classroom Dynamics</li> <li>• Reflect on classroom management through the use of the Classroom Dynamics materials</li> <li>• Plan for a positive learning environment</li> </ul> <p><i>Activities:</i></p> <ul style="list-style-type: none"> <li>• Insert additional slides into the 1.5 hour session as follows: <ul style="list-style-type: none"> <li>» include slide1 with the introduction slides (10 minutes)</li> <li>» include slides 2 and 3 with Classroom Management (20 minutes)</li> <li>» include slides 4 and 5 or alternative video with the classroom examples (10 minutes)</li> </ul> </li> <li>• Spend more time exploring the resources and sharing best practices (20 minutes)</li> </ul> | <ul style="list-style-type: none"> <li>• See 1.5 hour outline</li> <li>• Additional Slides</li> </ul>                           |