Reflect on Pedagogical and Learning Goals
• examine learners’ work for evidence of developing understanding and issues that need to be addressed
• analyze evidence of learner participation, identity, and/or group processes
• review video and/or observation notes in relation to professional learning goals.

Plan and Anticipate
• identify and unpack the mathematical goal
• adjust the lesson or activity based on the evidence from prior lesson(s)
• select or adapt a task that provides students with a problem to solve rather than a procedure to follow
• anticipate multiple solution paths, accessibility of context, language challenges.

Set up the Task
• develop individual and collective understanding of task, context, and language
• elicit and build connections to prior knowledge and experience
• set expectations for working, solution, justification, tools.

Support Students as They Grapple with the Task
• provide opportunities for collaborative work
• circulate, monitor, and interact with students to coach mathematical participation
• support without lowering cognitive demand (ask questions, help students get started).

Facilitate Whole Class Discussion of Learner Thinking and Work
• strategically select and sequence strategies
• elicit multiple strategies and a diversity of voices
• cultivate rich explanations (wait time; asking why and how; revoicing)
• intentionally make space for and assign competence to marginalized and/or low-status student contributions
• represent student thinking visually
• engage students in making sense of each other’s thinking
• connect students’ ideas to standard language, notation, and/or models.

Steer the Whole Class Discussion to Surface the Big Ideas
• guide students to make explicit connections between their strategies and solutions and the key mathematical ideas
• help students formalize ideas by generalizing patterns, solidifying theories and/or proving/disproving conjectures
• connect procedures to concepts
• provide students with the opportunity to apply, revise, or summarize their understanding.