Session 6: Teaching through Mathematical Processes

90 min	**Math Learning Goals** • Reflect on the learning in the six sessions. • Create a product to demonstrate the learning. Rationale	**Materials** • Math Processes S6 ppt • chart paper/markers • poster paper • SMART Ideas software™
Minds On… AV A for L	**Whole Group → Graffiti** Place topic heading on chart paper and post one at each station. Participants rotate through each station and respond to the following question: What have I learned about: _____? Participants repeat the rotation to read all the comments. **Session Content/Observation/Mental Note:** Observe participants' knowledge of each topic as they complete the Graffiti activity.	Topics for station charts: rubrics, Mathematical Processes, problem solving, DI, assessment, literacy strategies, Achievement Chart.
Action! DI	**Whole Group → Brainstorm** Brainstorm ideas that can be developed to produce something that helps us communicate and remember what was learned during the six professional learning sessions. Differentiate product based on student learning preference in order to give participants choice and encourage participation. **Small Group → Apply the Learning** Each small group develops something that captures some of what was learned during the six sessions.	Ideas for products: • skit • song • poem • poster • 3-D object • written summary or outline • mind map
Consolidate Debrief	**Whole Group → Presentation** Select groups to present their product. **Whole Group → Inside/Outside Circle** Participants form two concentric circles; inside facing out, outside facing in. Individuals alternate sharing answers to the questions on the right then outside circle rotates to form a new sharing pair.	Inside/Outside circle questions: As a result of the Professional Learning Sessions: • I will share with a colleague _____ • My teaching will _____ • My students will _____
Application	**Home Activity or Further Classroom Consolidation** Revisit Anticipation Guide. (Session 1) Commit to staying connected to one another by sharing email addresses; create a wiki or blog.	