

My Process for Lesson Planning

- Identifying the mathematical goals.
- Anticipating confusion.
- Asking questions.
- Managing classroom talk.
- > Planning the implementation.



Requirements & Improvement Voice of our Actors (*parents, school, board, government, associations*) Voice of our Learners Common Core Content & Practices Improvement (*continuous maturity model, What Worked & Didn't*)

Pedagogy Direct, Progressive or Constructive Experience and Project based learning

Content & Tools Skill, notation, vocabulary and practices Building upon it (*reference architecture, number line, spaced learning, SQ3R*) Beyond Common Core (*number sense, how to solve it, reference architecture, deliberate practice*) Outreach sources Misconceptions Missing Pre-Cursors Supporting Technology Caregiver content

Equity UDI Principles AOs & Anchor Charts Levelled Materials Levelled Workshops Multi-modal Vocabulary Remediation

Psychology & Cognition 3 stages of learning (Brunner, Piaget) Orders of thinking (Bloom) How we engage learners How we manage behavior Metacognition (Polya, Wu, Ericcsen, Math Talk)