Kindergarten Math Workshop
A New Approach to Math with Universal Access

- 2-4 weeks of Math Instruction
  - enVision Lessons
  - Investigations Lessons
  - Number & Dot Talks
  - Games

- 1 week of Math Workshop (Monday – Thursday)
  - 4 Centers
    - All/most are activities introduced during math instruction
    - Flexible teacher mini-lesson groups
Management – Pocket Chart

- Same as Reading Workshop for continuity
Management – Student Groups

- 4 Student Groups
  - Heterogeneous groups
    - Behavior
    - Academics

- Flexible teacher mini-lesson groups
  - Homogeneous by academics
    - Re-teach group (daily)
    - Extension group (2 times)
Student Activities

- 4 Centers
  - Differentiate based on student need
  - Ex: Sorting Concentration Game – 2 sets of cards
Student Activities

- 4 Centers
  - Differentiate based on student need
    - Ex: Sorting Buttons – differing student expectations
Student Activities

- One more center example...
- Sorting Jars
Seat Work

- Independent work completed at desk
  - Starts out the same for all students to teach procedure
  - Eventually differentiate based on student need

- Always the 2nd activity
- Same icon as Reading Workshop
2nd Tier Activity

- Added only after the class is ready
  - Initially only 3 levels
    - Student Center
    - Seat Work
    - Finisher Activity
  - Build up to 4 levels

- These activities are usually not differentiated
  - Pocket Chart
  - Computers/iPads
  - Games
  - Repeat of favorite lessons from instruction (ex: pattern snakes)
Finisher Activities

- Red Math Bins
  - Current Math Games/Activities
  - Old activities from past math workshops
    - Cyclical review
    - Re-teach
Finisher Activities

- Math Manipulative Bins
  - Free exploration
Teacher Group

- Groups are flexible

- Use assessment data to form groups
  - Observation
  - Student work
  - Formal Pre and Post Assessment

- Only pull a teacher group when the class is ready
  - Kids need to be able to work independently
    - Use activities from instruction for centers
    - Too hard to teach/use 4 new activities
Teacher Group

- Re-teach Group
  - Pull every day
  - Focus on most important learning goals
    - Re-teach at slower pace
    - Re-visit past math topics

- Extension Group
  - Pull 2 days
    - Challenge activities
    - Investigations extensions
    - Teach new game – sub out for 2\textsuperscript{nd} tier activity