Next Generation Preschool Math Project

* **Goal:** To design, develop, and test a curriculum supplement
  * Unit 1: subitizing
  * Unit 2: equipartitioning
* **Key Features:**
  * Each unit is 2 weeks long
  * Digital (ipad) + non-digital activities (1:5 ratio)
  * Learning activities conducted in groups, pairs, or individually
  * Digital Teachers Guide
Next Generation Preschool Math

4 Subitizing iPad Apps
- Sara Skates
- Birthday Café
- Bubble Fun
- Jungle Gym

4 Equipartitioning iPad Apps
- Breakfast Time
- Lemonade Stand
- Photo Friends
- Park Play

Teacher's Guide
- Professional Development
- Lesson Plans and Activities
- Standards
- Student Progress and Profiles

Subitizing Non-Digital Materials
- Games
- Videos
- Books
- Daily Routines and Outdoor Play
- Hands-On Activities
- Finger Play and Rhymes

Equipartitioning Non-Digital Materials
- Games
- Videos
- Hands-On Activities
- Finger Play and Rhymes
- Books
- Daily Routines and Outdoor Play
- Problem of the Day
What’s in a Unit?

* **Digital Games (iPad)**
  * 2 Self-leveling digital games
  * 1 Collaborative digital game
  * 1 Digital Sandbox activity

* **Non-digital Classroom Activities**
  * Priming activities
  * Action songs and fingerplays
  * Read-aloud books
  * Transition or priming
  * Learning center activities
  * Playground and snack activities
What Does Technology in Preschool Look Like?
Teaser Findings from a Small RCT

- Positive Learning Outcomes on Subitizing and Equipartitioning!
- Teachers felt prepared by Professional Development