

Session #1

Using Emerging Digital Media to Support Early Learning

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Next Generation Preschool Math:

- 4-year, \$3M NSF-funded initiative to build and evaluate preschool math apps
- Partnership between EDC, SRI International, and WGBH Educational Foundation
- 8 tablet apps and non-digital materials
- Interactive teacher's guide with progress tracking

Ready To Learn:

- 5-year, \$10M Department of Education-funded initiative to evaluate preschool transmedia
- EDC and SRI International working with CPB and PBS
- Case Studies and randomized controlled studies

Research Questions:

- How can a **media-rich** curriculum supplement support early math learning?
- How can we take advantage of the preschool learning environment, where **learning is social** and often **teacher-mediated**?
- How might the technology begin to shift **pedagogical** practices?