Mathematics Instructional Implications

Claire Greer, PhD & Karen Erickson, PhD
Center for Literacy & Disability Studies
University of North Carolina at Chapel Hill

Agenda

- Instructional Implications
  - Continued Expectations
  - Promote Student Thinking
  - Promote Communication
  - Conceptual and Procedural Knowledge
Everyday Life Application

Work Carefully
Parts and Whole & Number Patterns

Varied Instructional Strategies

New Emphasis on Instructional Practices
Repetition with Variety

Ten-Frames
Number Line
Sets
Arrays
Promote Communication

Develop Versatile Communication Skills
Conceptual and Procedural Knowledge

7.EE.1 Use one of the four operations to determine if expressions and equivalent.
Balance Conceptual and Procedural Understandings

Activity

Instructional Emphasis

Mathematics
- Extended Mathematics K-5
- Extended Mathematics 6-8
- Extended Essential Standards Financial Management

K-8 Mathematics Extended Content Standards
The new K-8 Extended Content Standards were adopted September 2017 for implementation 2018-19.
- ESS - Math K-8 Crosswalk 2017
- Extended K Mathematics
- Extended 1st Grade Mathematics
- Extended 2nd Grade Mathematics
- Extended 3rd Grade Mathematics
- Extended 4th Grade Mathematics
- Extended 5th Grade Mathematics
- Extended 6th Grade Mathematics
- NC Math YAS& Extended Content Standards - Implementation BY 2017-18
Additional Modules

- Process, Change, and Tools
- English/Language Arts Instructional Implications
- Universal Design for Learning and Students with Significant Cognitive Disabilities

THANK YOU!

For any additional information or questions, please contact:

- Matthew Martinez Matthew.Martinez@dpi.nc.gov
  919-807-4059
- Dreama McCoy Dreama.McCoy@dpi.nc.gov
  919-807-3920