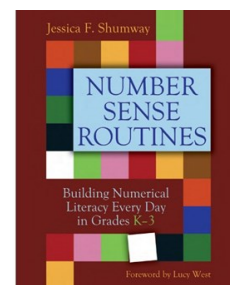
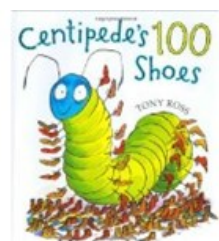
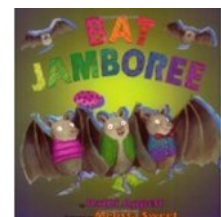
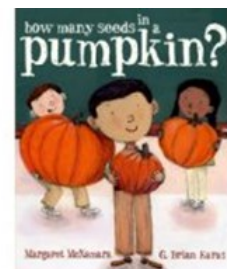
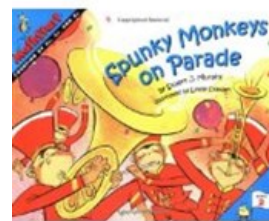
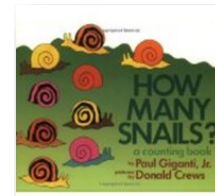
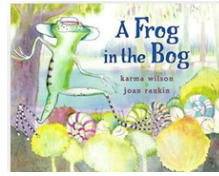


Counting Books

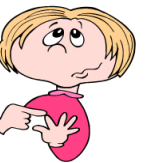


What Really Counts!

Counting Routines to Build Understanding

- What is counting?
- Why are counting routines important?

Counting: Five Basic Concepts



- Stable Order
- One-to-one
- Abstraction
- Cardinality
- Order irrelevance

Sandra Ball

startingwiththebeginning.wordpress.com

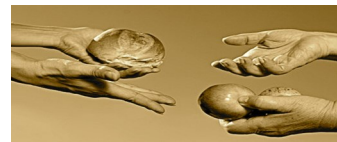
May 2015

Counting Collections

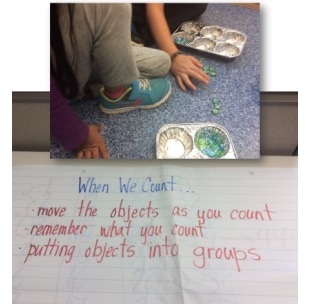


- Practice oral counting
- Develop estimation strategies
- Develop efficient counting strategies
- Group items in strategic ways
- Record numbers
- Represent and communicate thinking

Getting Started - Things to consider



Math Talk - What to Look For?



Choral Counting

- Teacher lead counting aloud
- Students call out numbers and teacher records
- Purpose is to surface mathematics

