

Mathematical Routines

BCAMT Fall Conference

October 21 2016

Counting Collections

more info at tedd.org

Number Talks

Number Talks by Sherry Parrish

WODB

Which One Doesn't Belong?

wodb.ca

why mathematical routines?

- regular practice that has multiple entry points, open-ended and personalized
- helps to build a mathematical community in the classroom
- collaborative
- encourages mathematical discourse
- responsive
- focus on a pedagogy of noticing and listening
- focus on number sense
- many can be used across mathematical curricular content strands
- focus on curricular competencies

Professional Books

Number Talks by Sherry Parrish

Making Number Talks Matter by Cathy Humphreys and Ruth Parker

Number Sense Routines by Jessica Shumway

High Yield Routines K-8 by NCTM

Which One Doesn't Belong? by Christopher Danielson
(picture book and teacher guide)

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