Using Children’s Literature to Make Real-World Math Connections

Resource List

NCTM Professional Development Webinar November 17, 2020
Facilitated by:
Trena Wilkerson, NCTM President Twilkerson@nctm.org
Latrenda Knighten Latrendakpd@gmail.com

Nothing Stopped Sophie: The Story of Unshakable Mathematician Sophie Germain, 2019
  - Jamboard

Cao Chong Weighs an Elephant, 2018
  - Pan Balance Shapes
  - Pan Balance Numbers
  - Pan Balance Expressions
  - Didax Virtual Balance

Solving for M by Jennifer Swender, 2019
  - Principles to Action
  - PEMDAS
  - TCM 13 Rules that Expire
  - MTMS 12 Rules that Expire
  - MT Circumventing Rules that Expire
  - TCM Preschool Example
  - MTLT Engineering Example
  - Exploring Cubes

Mentimeter Closing
https://www.menti.com/x58idaogat

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Additional Resources

- https://www.nctm.org/publications/exploringmath/
- Nothing Stopped Sophie Storybook Guide
- Cao Chong Weighs an Elephant Storybook Guide
- Illuminations: Mathematics and Children's Literature
  Goldilocks, An Engineer?
- Exploring Volume Activity from the April 2018 iSTEM Column in the NCTM Teaching
  Children Mathematics journal
- Teaching Mathematics through Multicultural Literature
- If You Give a Mathematician a Book
- Teaching Measurement with Literature
- Wondrous Tales of Measurement
- Measuring Penny
- Posing Problems from Children’s Literature
- Building the Mathematics and Literature Connection through Children’s Responses
- Promoting Mathematical Discourse through Children’s Literature