

## MORE Ideas Using Children's Literature to Make Real-World Math Connections

### Resource List

NCTM Professional Development Webinar January ,12 2021

Facilitated by:

Latrenda Knighten [Latrendakpd@gmail.com](mailto:Latrendakpd@gmail.com)

Trena Wilkerson, NCTM President [Twilkerson@nctm.org](mailto:Twilkerson@nctm.org)

*The Number Devil* by Hans Magnus Enzensberger, 1997

- Desmos Activity: <https://student.desmos.com/join/tdqwva>
- NCTM Resource: <https://www.nctm.org/Publications/Student-Explorations-in-Mathematics/2011/Patterns-in-Pascal's-Triangle-2147162348/>
- <http://ptri1.tripod.com/>
- <http://www.mathsisfun.com/pascals-triangle.html>

*All of the Above* by Shelley Pearsall, 2006

- NCTM Resources:
  - Hanging Around with Platonic Solids by Caglayan, *Mathematics Teacher*, 2019 112(5), 328-329 (Mathematical Lens)
  - Flying High with the Bird Tetrahedron, *Mathematics Teacher*, 2012, 106(1),16-21
  - <https://www.nctm.org/Classroom-Resources/Illuminations/Lessons/Tetrahedral-Kites/>
  - <https://www.nctm.org/Classroom-Resources/Problems-of-the-Week/The-Inside-Lines/>
  - <https://www.nctm.org/Classroom-Resources/Illuminations/Lessons/Constructing-a-Three-Dimensional-Model/>
- <https://momath.org/home/math-monday-tetrahedron-ripples/>

*The Very Hungry Caterpillar*, by Eric Carle, 1969

- NCTM Resources:
  - Cross, Dionne I, Olufunke Adefope, Mi Yeon Lee, and Arnulfo Pérez. 2012. "Hungry for Early Spatial and Algebraic Reasoning." *Teaching Children Mathematics* 19 (August): 42–49.
  - [NCTM Illuminations Patch Tool](#)
- [The Very Hungry Caterpillar Activity](#)

*Which One Doesn't Belong?* by Christopher Danielson, 2016

- Mentimeter Question: <https://www.menti.com/gxmftbwkj2>
- [Which One Doesn't Belong \(WODB\) Website](#)
- [Talking Math with Your Kids](#) - Christopher Danielson's website
- Twitter - @WODBMATH

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*Is 2 a Lot?* by Annie Watson Illustrated by Rebecca Evans, 2019

- [Jamboard Activity](#)

**Additional Resources**

- *How to Solve It* by George Pólya, first Published in 1945
- Whiten, David, Problem Posing in the Elementary Classroom, *Teaching Children Mathematics*, August, 2006, 13(1) pages 14-18
- Couco, A., Goldenberg, E. P. & Mark, J. (1996). Habits of Mind: An Organizing Principle for Mathematics Curricula, *Journal of Mathematical Behavior*,15, 375-402.
- Exploring Math through Literature Prek - 8: NCTM Online Teacher Resource - <https://www.nctm.org/publications/exploringmath/>