

# Teacher Connection

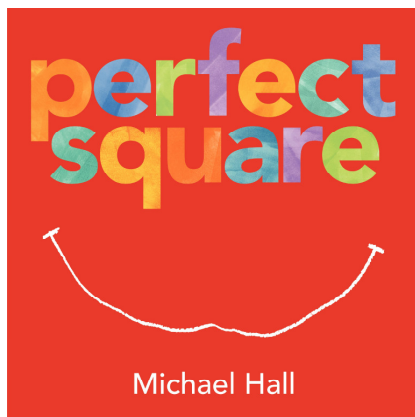
A resource flash from the Youth Services Department of the Lake Villa District Library



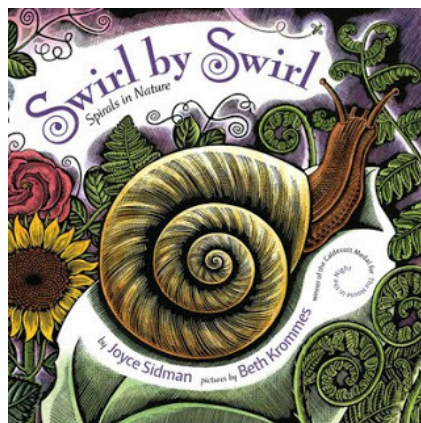
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## Math with the Monarchs and Bluestems



A perfect square was perfectly happy as he was, but when he was cut, poked full of holes, torn, shredded, shattered, snipped, crumpled or wrinkled, he accepted the change and transformed himself into something beautiful and special that made him just as happy. This story uses shapes that change. It can also teach a lesson about making the most of every situation.



A Caldecott medalist and a Newbery Honor-winning poet celebrate the beauty and value of spirals. What makes the tiny snail shell so beautiful? Why does that shape occur in nature over and over again? The book celebrates the usefulness of this fascinating shape.

### GEOMETRY COMMON CORE STANDARD - KG

Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

1. Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as *above*, *below*, *beside*, *in front of*, *behind*, and *next to*.
2. Correctly name shapes regardless of their orientations or overall size.

### More... Patterns

*Spotty, Stripy, Swirly* - Jane Brocket  
*Pattern Bugs* - Trudy Harris  
*Pattern Fish* - Trudy Harris  
*Busy Bugs* - Jayne Harvey  
*What's Next, Nina?* - Sue Kassirer  
*Patterns and Textures: who took the pets?* - Emily Sohn  
*Red Car Red Bus* - Susan Steggall  
*Lots and Lots of Zebra Stripes* - Stephen Swinburne  
*ABABA: a book of pattern play* - Brian Cleary  
*I See a Pattern: What can I learn?* - Tracy Kompelien

### More... Shapes

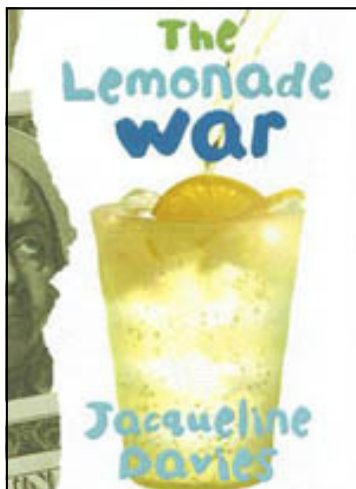
*Circles, Stars and Squares* - Jane Brocket  
*Shapeasaurus* - Megan Bryant  
*Shapes and Symmetry* - Thomas Canavan  
*Shapes Around Us* - Daniel Nunn  
*Tadeo's Search for Circles* - Marion Brooker  
*Shapes in the Garden* - Rebecca Rissman (series for shapes books)  
*Shapes Around Town (series)* - Nathan Olson

QUESTIONS? COMMENTS?

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## Math with the Monarchs and Bluestems

Evan Treski is people-smart. He is good at talking with people, even grownups. His younger sister, Jessie, on the other hand, is math-smart, but not especially good at understanding people. She knows that feelings are her weakest subject. When their lemonade war begins, there really is no telling who will win, or if their fight will ever end. Here is a clever blend of humor, math fun, and savvy marketing tips (on how to make money at just about any business). It captures the one of a kind bond between brother and sister, and explores how arguments can escalate beyond anyone's intent. (4th grade)

Good discussion questions and vocab [packet](#).

### More... Money Transactions

*What Is Money?* - Cecilia Minden  
*Money at the Store* - Jennifer Roy  
*Follow the Money* - Loreen Leedy  
*The Coin Counting Book* - Rozanne Williams  
*The Penny Pot* - Stuart Murphy  
*If You Made a Million* - David Schwartz  
*The Year Money Grew On Trees* - Aaron Hawkins  
*Show Me the Money* - Alvin Hall

#### MATH COMMON CORE STANDARD 4 MD

Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.

2. Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and **money**, including problems involving simple fractions or decimals, and problems that require expressing measurements given in a larger unit in terms of a smaller unit. Represent measurement quantities using diagrams such as number line diagrams that feature a measurement

## Juvenile Audio Kits

J Audio Kits include a picture book and an audio CD or cassette combined in one convenient pouch. The audio kit is perfect to use in the listening centers in your classroom.

We are often asked about kits for chapter book readers. Currently we purchase unabridged audio editions of our print collection – we have over 1500 on our shelves. Create your own Kit by grabbing both.

## Teachers! CPDU Classes

TAP INTO NEW NONFICTION

Tuesday, October 29, 4:30- 6:00

The Common Core Standards require that students to read and comprehend more non-fiction. We will provide you with ideas for current, quality, nonfiction titles. Join us for a fast-paced sharing of booktalks and a packed bibliography of titles.

#### HOW DO I SEARCH FOR J AUDIO KITS IN THE CATALOG?

- 1) Access the **Power Search** from the Library Catalog page at <http://www.lvdl.org/>
- 2) Choose **Kit** (the 2nd Kit listed) from the **Type of Material** drop down menu.
- 3) Choose **Juvenile** from the **Reading Level** drop down.
- 4) Now you can enter any key words, author names or titles in the search fields and the results will be only the J Audio Kits in the Lake Villa District Library Collection.

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