



LITERACY CONNECTIONS

Texts Base Ten Value, Operations, and Thinking

- *City By Numbers*, Stephen T Johnson
- *Teeth, Tails, and Tentacles*, Christopher Wormell
- *Mission Addition*, Loreen Leedy
- *Museum 123*, The Metropolitan Museum of Art
- *1 +1 = 5 and Other Unlikely Additions*, David LaRochelle and Brenda Sexton
- *365 Penguins*, Jean-Luc Fromental and Joelle Jolviet
- *Math-terpieces; The Art of Problem Solving*, Greg Tang
- *Math for all Seasons*, Greg Tang
- *Equal Shmequal*, Virginia Kroll and Philomena O’Neill
- *The Action of Subtraction, Math is Categorical*, Brian P Cleary and Brian Gable
- *If you Were a Minus Sign (MathFun)*, Trisha Speed Shaskan and Francesca Carabelli
- *Subtraction Action*, Loreen Leedy
- *Panda Math, Learning about Subtraction with Hua Mei & Mei Sheng*, Ann Whitehead Nagda
- *Amanda Bean’s Amazing Dream*, Cindy Neushwander
- *Lion’s Share*, Matthew McElligott
- *Now for my Next Number*, Margaret Park and Sophia Esterman
- *The Great Divide, a Mathematical Marathon*, Dayle Ann Dodds and Tracy Mitchell
- *Great Estimations*, Bruce Goldstone
- *Greater Estimations*, Bruce Goldstone
- *Sir Cumference and all the King’s Tens*, Cindy Neushwander and Wayne Geenhan
- *Fractions, Decimals, and Percents*, David Adler and Edward Miller
- *Piece, Part, Portion*, Scott Gifford and Shmuel Thaler

- *Polar Bear Math, Learning About Fractions from Klondike and Snow*, Ann Whitehead Nagda
- *The Grapes of Math*, Greg Tang and Mary Bridge
- *2 x 2 = Boo! A set of Spooky Multiplication Stories*, Loreen Leedy
- *Sir Cumference and the Fraction Faire*, Cindy Neushwander and Wayne Geenhan

Time and Money

- *How do you Know What Time it is?* Robert E. Wells
- *About Time; a First Look at Time and Clocks*, Bruce Koscielniak
- *Alexander, Who Used to be Rich Last Sunday*, Judith Viorst
- *If you Made a Million*, David Shwartz and Steven Kellogg

Measurement, Probability, Data

- *It's Probability Penny*, Loreen Leedy
- *Less than Zero*, Stuart J Murphy
- *Sir Cumference and the Off-the-Chart Dessert*, Cindy Neushwander and Wayne Geehan
- *Measuring Penny*, Loreen Leedy
- *How Tall, How Short, How Far Away?* David Adler and Nancy Tobin
- *Millions to Measure*, David Shwartz and Steven Kellogg
- *Hershey's Milk Chocolate Weights and Measurements*, Jerry Pallotta

Geometry

- *If you Were a Polygon*, Marcie Aboff and Sarah Dillard
- *If you Were a Quadrilateral*, Molly Blaisdell and Francesca Carabelli
- *Shapes, Shapes, Shapes*, Tana Hoban
- *Shape Up*, David Adler and Nancy Tobin
- *The Librarian Who Measured the Earth*, Kathryn Lasky

- *Sit Cumference and the Round About Battle*, Cindy Neushwander and Wayne Geehan
- *Sir Cumference and the Great Knight of Angle Land*, Cindy Neushwander and Wayne Geehan
- *Sir Cumference and the First Round Table*, Cindy Neushwander and Wayne Geehan

SCIENCE CONNECTIONS

Students may participate in the following activities:

- Compare temperatures in various states and countries to support the understanding of climate
- Classify, sort, and graph items by type of matter
- Measure the temperature of various forms of matter
- Take measurements to determine how to make an item move faster or slower down a ramp
- Collect data for inquiry based experiments
- Measure and compare the mass of objects
- Compare gravity and mass on different planets
- Use the calendar to keep track of the phases of the moon
- Compare the distances between planets
- Create scale models of the planets
- Measure heartbeats per minute
- Create healthy menus based on the calories found in different kinds of foods

SOCIAL STUDIES CONNECTIONS

- Create a map of your city or state
- Create a scale drawing of your state and calculate the distance between landmarks
- Compare the temperature at various landmarks in the state
- Find the longitude and latitude of various locations as they relate to the curriculum (State History, U.S. History)
- Write number stories using the names of famous people from CT or US History
- Connect import and export of goods and jobs to money and debt
- Calculate state sales tax for items
- Use Longitude and Latitude to find locations on a map
- Games: Monopoly, Life, Battleship

RELIGION CONNECTIONS

- Raise money for charity, calculate and graph amounts collected and what still needs to be collected to meet your goal
- Collect toiletries for the homeless, calculate how many bags can be made and donated
- Write number stories/word problems relating to bible stories or biblical figures