

# Addressing Common Core State Standards through Literature and Technology

**2013 NCTM Regional  
Las Vegas, NV**



Southern Connecticut  
State University

Maria Diamantis & Adam Goldberg

[Diamantism1@SouthernCT.edu](mailto:Diamantism1@SouthernCT.edu)

[Goldberga2@SouthernCT.edu](mailto:Goldberga2@SouthernCT.edu)

# Agenda

## I. Classification / Patterns / Algebra

Literature Connection – *The Button Box; Caps for Sale; One Fish, Two Fish, Red Fish, Blue Fish; A Three Hat Day*

## II. Numbers & Counting / Spatial Reasoning

Literature Connection – *Pezzettino, How Many Snails?; Math Potatoes*

## III. Measurement / Estimation

Literature Connection – *If You Hopped Like a Frog; Actual Size; Guess How Much I Love You; How Big is a Foot?; Measuring Penny; Inchworm and a Half; How Tall, How Short, How Faraway; Real-Size Baby Animals*

# Core Standards Addressed

K.MD.1. Describe measurable attributes...

K.MD.3. Classify objects into given categories

K.G.2. Correctly name shapes regardless of their orientations or overall size

1.G.1. Distinguish between defining/ non-defining attributes

2.G.1. Recognize and draw shapes having specified attributes

# Core Standards Addressed

K.CC.1. Count to 100 by ones and by tens

K.CC.3. Write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20

K.CC.4. Understand the relationship between numbers & quantities

1.NBT.2. Understand that the two digits of a two-digit number represent amounts of tens and ones

2.NBT.1. Understand that digits of a three-digit number represent amounts of hundreds, tens, ones

# Core Standards Addressed

- 1.MD.1. Order three objects by length; compare lengths of two objects indirectly by using a third
- 1.MD.2. Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end
- 2.MD.1. Measure the length of an object by selecting and using appropriate tools
- 2.MD.3. Estimate lengths

# Bibliography

*Actual Size*, by Steve Jenkins

*The Button Box*, by Margarete S. Reid

*Caps for Sale*, by Esphyr Slobodkina

*Carrie Measures Up*, by Linda Williams Aber

*Guess How Much I Love You*, by Sam McBratney

*How Big is a Foot?*, by Rolf Myller

*How Tall, How Short, How Faraway*, by David A. Adler

*How Many Snails*, by Paul Giganti, Jr.

*If You Hopped Like a Frog*, by David Schwartz

# Bibliography (continued)

Inch by Inch, by Leo Lionni

Inchworm and a Half, by Elinor Pinczew

Math Potatoes, by Greg Tang

Measuring Penny, by Loreen Leddy

Pezzettino, by Leo Lionni

Real-Size Baby Animals, DK Books

Sorting, by Henry Pluckrose

A Three Hat Day, by Laura Geringer

Where in the Wild, by David Schwartz & Yael Schy