**Favorite Problem Solving Activities**

**Linked to Curriculum**

**Sources of Ideas**

John’s Blog

[www.thescamdog.wordpress.com](http://www.thescamdog.wordpress.com)

WNCP Activites (John’s Other Blog)

[www.wncpactivemath.wordpress.com](http://www.wncpactivemath.wordpress.com)

Dan Meyer’s Blog

<http://blog.mrmeyer.com/>

**Activities Shown in Workshop**

A Billion Nickels (Measurement, Geometry, 7-10)

<https://thescamdog.wordpress.com/2011/11/05/a-billion-nickels-3-acts/>

The Problem Solving Process Explained

<https://www.dropbox.com/s/2ee3nbmlfvl8c7j/Learning%20Through%20Problem%20Solving%20Process.docx?dl=0>

Darius Washington Free Throws (Probability 6-12)

<https://wncpactivemath.wordpress.com/2013/08/02/basketball-free-throws/>

Square It Up (Geometry, Similar Figures, 9, 10-3)

<http://blog.mrmeyer.com/2011/3acts-some-really-obscure-geometry-problem/>

Giant Gummy Bear (Ratios 7-9, Similar Figures and Measurement 10, Scale Factors 20-2)

<https://wncpactivemath.wordpress.com/2013/07/26/the-giant-gummy-bear/>

Bucky the Badger (Patterns 7-9, Sequences 20-1)

<https://wncpactivemath.wordpress.com/2013/07/02/bucky-the-badger/>

Celebrity Guessing Game (Statistics 7-9, Math 20-2)

<https://wncpactivemath.wordpress.com/2013/07/01/celebrity-guessing-game/>

Speeding Teenager (Calculus, Math 31)

<https://thescamdog.wordpress.com/2011/02/08/speeding/>

Half Plus Seven (Linear Relations, 9-10)

<https://www.dropbox.com/s/ngqweelp9ts9fz7/halfplusseven.mov?dl=0>

Mozart’s Dice Game

<https://thescamdog.wordpress.com/2010/06/02/mozarts-dice-game/>

**Other Activities We Didn’t Have Time For**

Dyatlov’s Pass (Reasoning 20-2)

<https://wncpactivemath.wordpress.com/2013/07/12/dyatlovs-pass/>

St. Matthew Island (Exponential Functions, Math 30-1 and 30-2)

<https://wncpactivemath.wordpress.com/2013/07/07/st-matthew-island/>

The Penny Pyramid (Sequences Math 20-1)

<http://blog.mrmeyer.com/2011/3acts-pyramid-of-pennies/>

Taco Cart (Math 31)

<http://threeacts.mrmeyer.com/tacocart/>

The Hustle, Andy Style (Sequences, Math 20-1)

<https://www.dropbox.com/s/c5qks3grfpvprxa/Hustle%20Andy%20Style.m4v?dl=0>

Mixture Problems

<http://blog.mrmeyer.com/2011/wcydwt-coke-v-sprite/>