Dear Teachers,

Chances are, your students already know how you feel about math. And we all know it’s important to be enthusiastic about what you’re teaching in the classroom. A positive attitude is often what we remember most about our favorite teachers!

On Monday, we celebrate the arrival of Christopher Columbus in our corner of the world with a day off from work. If you’re looking for something to read during your day off, this newsletter has some interesting articles about mathematics which will hopefully spark some enthusiasm in your teaching!

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“Mathematics Talk” for Five-Year-Olds
http://mathoverflow.net/questions/108505/mathematics-talk-for-five-year-olds

A Mathematician asks for advice on talking about math to his daughter’s kindergarten class, and is deluged with many wonderful suggestions well worth checking out!

Me, Myself and Math

A fantastic six-part blog series that takes a humorous look at the math in our everyday lives.

Pi in the Sky Mathematical Skywriting

It only took 100 miles roundtrip, but the first thousand number of PI was written in the sky.

The Fastest Way to Crack a 4-Digit PIN Number
http://www.popsci.com/technology/article/2012-09/infographic-day-fastest-way-crack-4-digit-pin-number

Did you know that 1234 accounts for 10 percent of all PINs used? Read on to find how to make your secret pin more secure.

Math Anxiety Causes Trouble as Early as First Grade
http://news.uchicago.edu/article/2012/09/12/math-anxiety-causes-trouble-students-early-first-grade

Research at University of Chicago shows that students are affected by math anxiety as early as in the first grade.
Math Articles

Math Ability Requires Crosstalk in the Brain
http://www.sciencedaily.com/releases/2012/08/120829103516.htm
How well the hemispheres in the brain communicate with each other can be a predictor for arithmetic performance.

Centenarian Dame Kathleen Ollerenshaw
http://www.scientificamerican.com/article.cfm?id=dame-kathleen-ollerenshaw
A fascinating look into the life of a 100-year-old mathematician who’s still going at it strong.

How Math Can Help Save a Dying Language
The math may be over your head, but this article explains how important of a role mathematics can play in preserving an almost extinct language.

Fighting Crime with Mathematics
Mathematicians can be superheroes too!

20 Things You Didn’t Know About Time
Time will eventually stop and cease to exist? Read on to find more things you never knew about time.