

## Contact and Further Information

Bon Crowder  
Math Mom & Education Advocate  
Bon@MathFour.com  
Twitter: @MathFour

Wil Devine  
Research Guy & Concept Tutor  
Wil@MathFour.com  
Twitter: @MathPsych

Slide deck & resources can be found at  
[www.MathFour.com/THSC12](http://www.MathFour.com/THSC12)

*That's*  
**MATH!**

Presented by

**MATH**  
**IS NOT A** **FOUR**  
**LETTER WORD**

[www.MathFour.com](http://www.MathFour.com)

# Math Teaching Techniques

## THSC Convention 2012

Bon Crowder, MathFour.com  
Twitter: @mathfour  
Email: [bon@mathfour.com](mailto:bon@mathfour.com)

Find the presentation slide deck and this booklet  
online at [www.MathFour.com/THSC12](http://www.MathFour.com/THSC12)

### Look for Bon's other two talks:

It's Your Education (Waterway 6), Saturday 9:30am  
Follow, Don't Lead (Waterway 7-8), Saturday 1:15pm

**And come see us in booth #706**

## Verbal Communication

- Avoid “just” and “all you have to do.”
- Answer everything - right then.
- Admit when you’re clueless.
- Ask - but be careful.
- If it’s legal, let it go.

## Written Communication

- Use lots of paper
- Use colors
- Write in a logical flow
- Signpost & write reasons
- Skip steps
- Allow for variety

## Creating Good Questions

- Know primes & products
- Know sums
- Do many examples
- Watch how your examples affect your child’s learning

## Assessing the Answers

- Keep an open mind
- Determine answers based on logic and rules (not answer key and/or format)

## Attitude & Culture

- Roaches & Kittens
- Model positive math talk
  - SEE MATH where it happens anyway
  - SAY MATH out loud
  - DO MATH with your kids

## Examples and Activities

How do *you* solve this one? Is it different than someone else?

$$3x + 5 = 7x - 1$$

How do *you* solve this one? Does the answer look different than someone else’s?

The US will compete in 246 of the 302 medal events in the Olympic Games. If a viewer randomly tunes in to watch one medal event of the Games, what’s the chance that the US will be competing in it?

What math have you done or seen in the past 24 hours?

---

---

---

---

---