

# social media

*— in math class! —*



# Annie Forest

- 12 years of experience teaching middle school math
- National Board Certified Teacher
- Blogger:  
[www.showyourthinkingmath.blogspot.com](http://www.showyourthinkingmath.blogspot.com)
- 2014 ICTM Middle School Teaching Award, 2015 State Finalist for PAEMST
- Follow me on Twitter @mrsforest

# Shared Agreements

- Be respectful of everyone's opinions
- Be willing to rethink our own ways of teaching
- Think critically about what is best for student understanding
- When we know better, we do better

# Quick Survey



Technology in Math Class

\* Required

<http://goo.gl/forms/RFPPr2lZeOZ>

# Beliefs About Technology

- Strongly Agree
- Somewhat Agree
- Somewhat Disagree
- Strongly Disagree

# Blog

A regularly updated website, typically run by an individual, that is written in an informal or conversational style.

# First Steps: Visit blogs!

Visit blogs (any topic!) to get a sense to how they work.

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

Home DIY: <http://www.livelovediy.com>

Fashion: <http://www.kendieveryday.com>

Gardening: <http://gardeninggonewild.com>

Or Google any other topic you are interested in and find a blog to read!

Example:

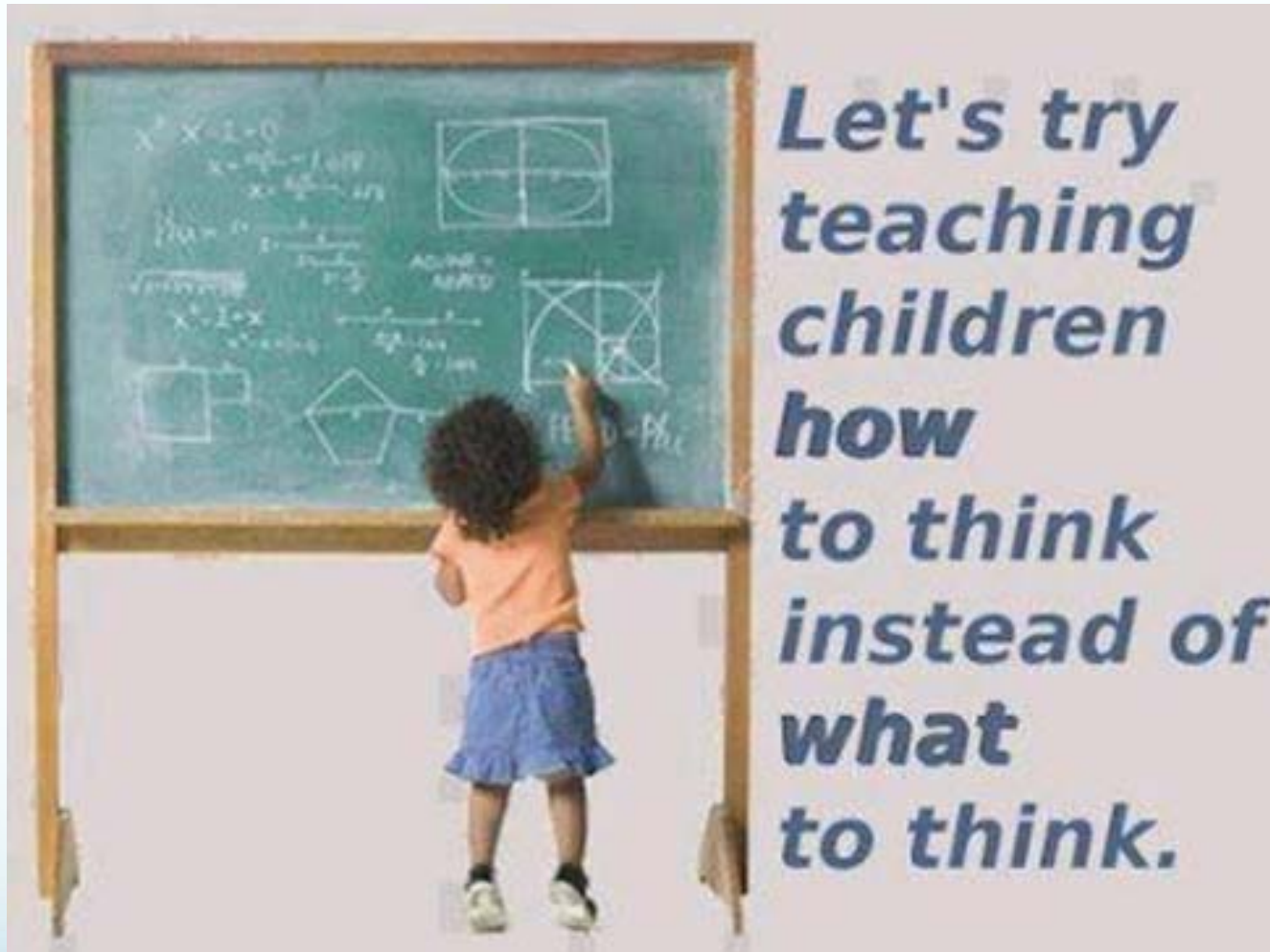
technology blog



# First Steps: Create Your Own!

- Try to include pictures
- Be aware of privacy concerns
- If teaching related, be professional
- Include space between paragraphs
- Write when you feel inspired then schedule posts





**Let's try  
teaching  
children  
how  
to think  
instead of  
what  
to think.**

# Math Practices

**Make sense of problems and persevere in solving them.**

**Reason abstractly and quantitatively.**

**Construct viable arguments and critique the reasoning of others.**

**Model with mathematics.**

**Use appropriate tools strategically.**

**Attend to precision.**

**Look for and make use of structure.**

**Look for and express regularity in repeated reasoning.**

# Purpose of Student Blogs

- Construct viable arguments
- Critique the reasoning of others
- Attend to precision

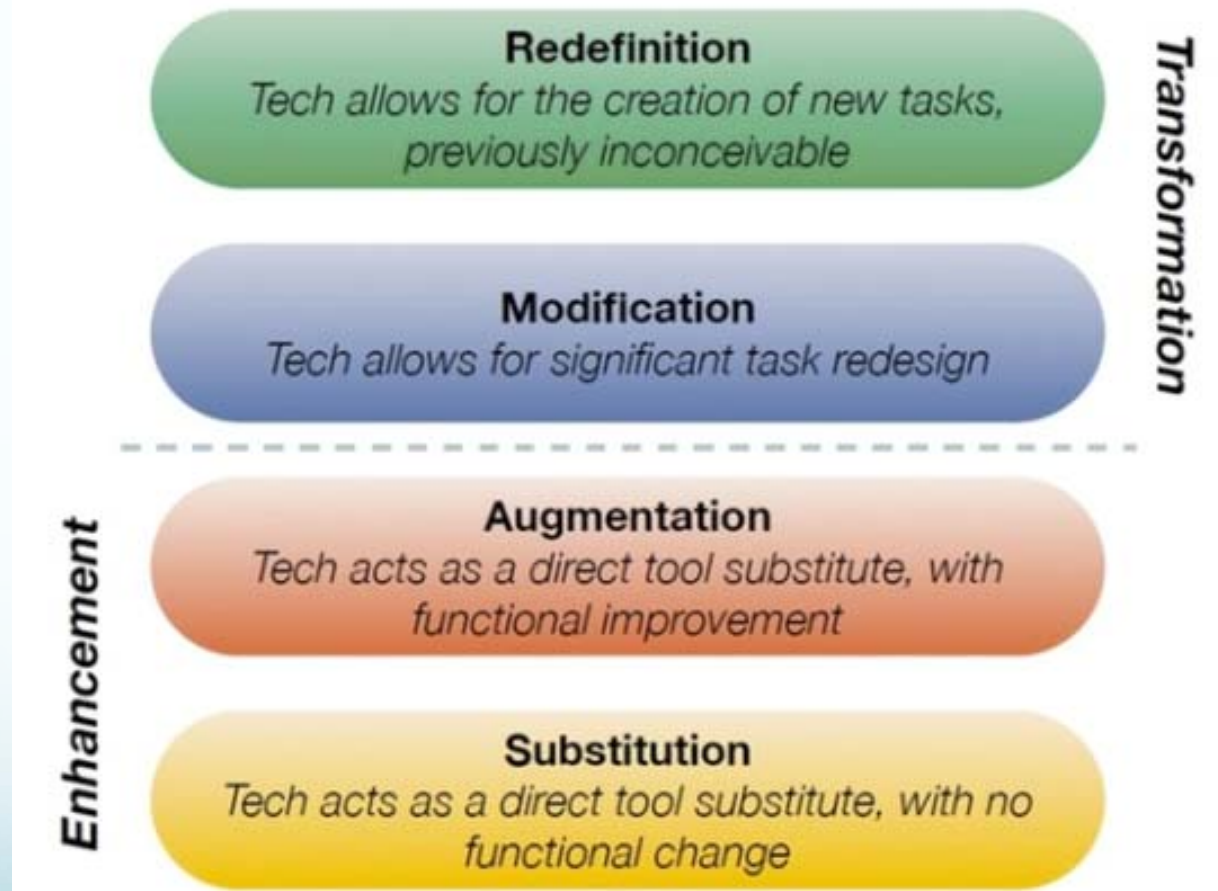


Annie Forest, 2016 @mrsforest  
[www.showyourthinkingmath.blogspot.com](http://www.showyourthinkingmath.blogspot.com)

# Types of Prompts

- Problems that students can explain their thinking
- Not a lot of math symbols required
- Non-routine problems work best
- Reflection

# SAMR Model



# Set-Up

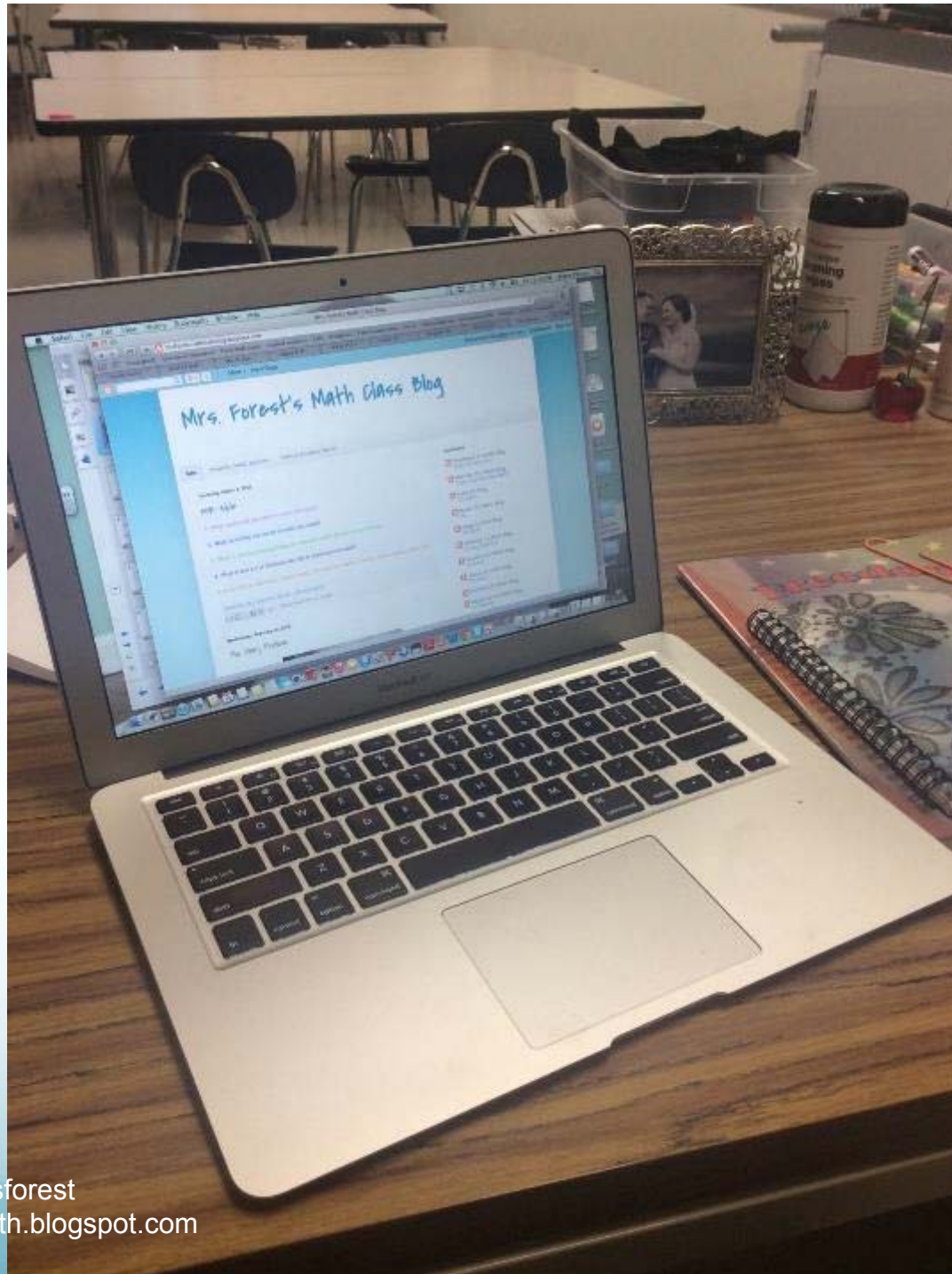
- Decide on platform (ex: Blogger)
- Make a class blog
- Create “blog list” to follow students’ blogs
- Post prompts for students here

# Class Blog Examples

[www.mrsforestexamplmathblog.blogspot.com](http://www.mrsforestexamplmathblog.blogspot.com)

[www.mrsforestmathclassblog.blogspot.com](http://www.mrsforestmathclassblog.blogspot.com)





Annie Forest, 2016 @mrsforest  
[www.showyourthinkingmath.blogspot.com](http://www.showyourthinkingmath.blogspot.com)

# Safety

- They are public!
- No last names, addresses, etc.
- Kind, appropriate language
- Be aware of copyright laws

# Keep it Simple

- Have students use uniform naming

Example: anniefmathblog

- Teach creating a post, saving, publishing, editing



Annie Forest, 2016 @mrsforest  
[www.showyourthinkingmath.blogspot.com](http://www.showyourthinkingmath.blogspot.com)

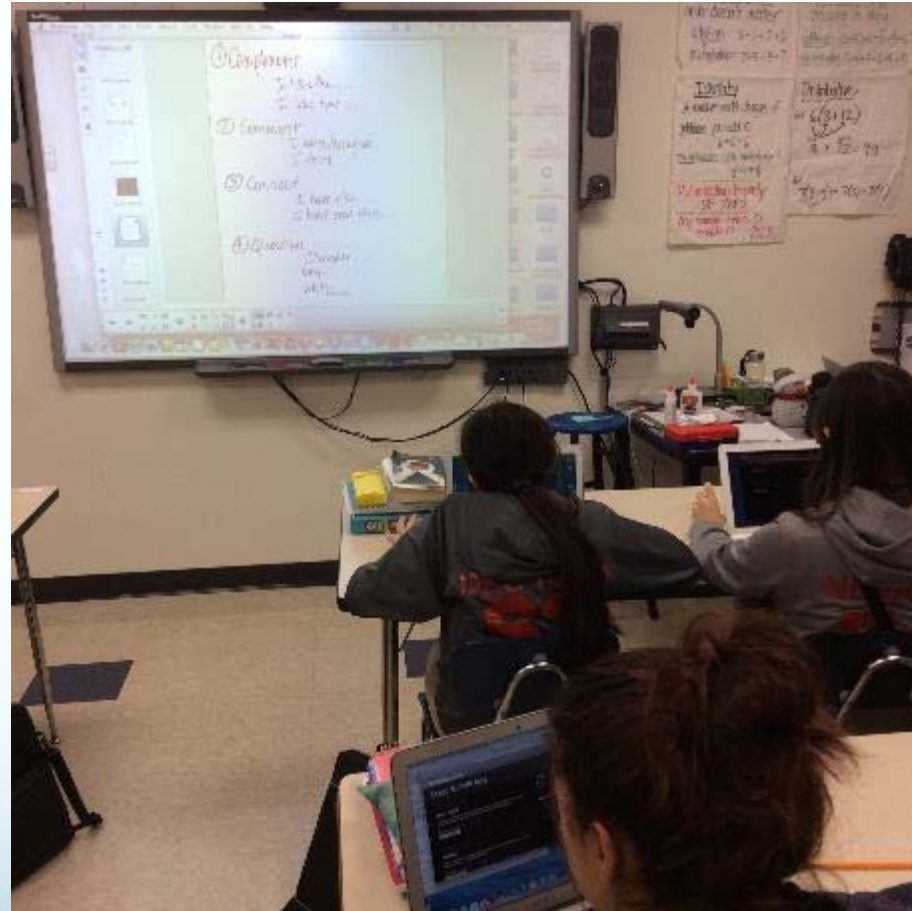
# Later you can add...

- Adding pictures or videos
- Adding/embedding html codes
- Using labels
- Scheduling posts
- Adding hyperlinks

# Feedback

- Commenting- by you or students
- 3 C's and a Q
- Using a rubric
- Self assessments
- Conference with teacher
- Share link with parents

# 3 C's and a Q



# 3 C's and a Q

- **Compliment** I like the... I like how...
- **Comment** I like the... I like how...
- **Connect** I have also... I've seen this...
- **Question** I wonder... Why... When...



# Jorge O

“the best thing about blogging is that if I make mistakes people can comment on my post and help me out.”

# Oscar L

“You being able to see what the difference between what you think and what other people think about the things you post on your blog.”

# Alexis P

Do you like homework on the blog?

“No because it is really hard to explain your work and how you did it, I feel like on paper is a lot better because you can actually draw/write down what is going on in your mind.”

# Jenifer B

Do you like doing homework on the blog?

“YES. because you can look back at them in the future and you can see how much you have improved from post to post. :)”



# TWITTER

Notifications Messages Search Twitter

**MTBoS**

desmos

SHOW YOUR THINKING

*Authentic*  
#OneWord

9 4 8 3  
6 8 6 7  
0 2 7

**TWEETS** 1,362   **FOLLOWING** 662   **FOLLOWERS** 581   **LIKES** 1,763

[Edit profile](#)

**Annie Forest** @mrsforest

Tweets   Tweets & replies   Photos & videos

Annie Forest Retweeted

Annie Forest 2016 ©mrsforest  
www.showyourthinkingmath.blogspot.com

# What is it?

A micro-blogging service. You write posts (tweets) that are 140 characters or less. Tweets are seen by your friends, family, colleagues, enemies (all together all called your followers).

# Risk Taking

If we want our students to be risk takers in our math classroom, we need to model what it looks like to learn something new. Maybe that something new is *Twitter*?!



# 5 STAGES OF A TWITTER USER



DENIAL



CURIOSITY



AHA!



OBSESSION

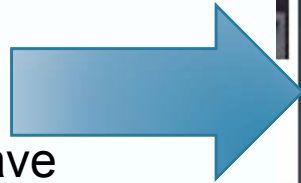


A PART OF LIFE  
(LIKE BREATHING)



# Twitter Set-up

Add a picture!  
(don't leave it as an "egg")



Write what you do/teach and what you are interested in

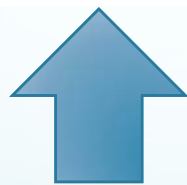


# Anatomy of a Tweet

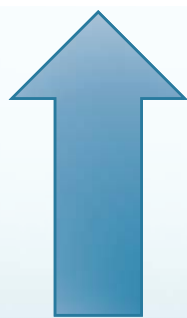


**Dan Meyer** @ddmeyer · 4 Dec 2015

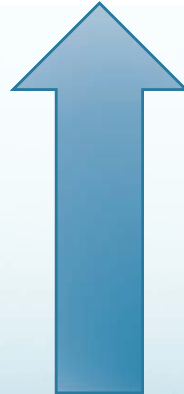
It's gonna take at least two or three of us to save math, IMO.



Reply



Retweet



Favorite

# Hashtags



**Annie Forest** @mrsforest · Jan 15

I loved having my students choose #OneWord for 2016! They blogged and tweeted about their choice! #engageFMS

**Forest's Math Class** @6Amath

My #OneWord for 2016 is Improve because I want to improve math and science so i could help other people. -Linda P #6Amath #engageFMS

# Tagging People in a Tweet



**Annie Forest** @mrsforest · Jan 13

A powerful post by a student blogger about grading practices. @sbutlerbsd100  
@bdavini @JennyLehotsky @MsSlanker307

**Megan Moran** @MeganCMoMo

Stop Telling Students it's Not about the Points

[thebloggerina.wordpress.com/2016/01/07/sto...](http://thebloggerina.wordpress.com/2016/01/07/sto...) #sblchat #ttog #colchat  
#d211edchat

# Twitter for Students

Once you are comfortable with Twitter, think about how you can use it with your students!

-reflection

-collaboration

More ideas:

<http://showyourthinkingmath.blogspot.com/2015/09/how-can-students-tweet.html>

# Online Graphing Calculator... and more!



# More Resources for Math

- Which One Doesn't Belong <http://wodb.ca>
- Visual Patterns <http://www.visualpatterns.org>
- Would You Rather <http://www.wyrmath.com>
- Estimation 180 <http://www.estimated180.com>



# “Like” Illinois Council of Teacher of Mathematics on Facebook!





# iEngage

- BERWYN -

Friday, April 29th & Saturday, April 30th

*iEngage - Berwyn is a two day event in Berwyn, Illinois. This energizing EdTech conference is a unique event where attendees can see innovative practices in 1:1 classrooms and learn how to implement those best practices to redefine learning.*

# QUESTIONS?

