

Implementing Math Workshop

2015 Kentucky Center for Mathematics Conference,
“Engage!”

Goals for today's session:

- Introduce you to the math workshop model
- How to integrate math workshop with or without a “program”
- Provide you with resources you can use on Wednesday
- Play a few math games together
- Have great math conversations with colleagues



Housekeeping items

- Don't worry about copying my slides at a furious pace. If you give me your email address with the exit slip I will email them to you.
- Feel free to blurt out or interrupt my presentation with helpful comments and/or questions. No rules here, just learning.
- I get excited talking about math, so if I get long winded throw something at me. I prefer dull items and anything that isn't heavy.

Who is this guy?

- Josh Rhodes
- 5th grade teacher at a Title I school (Louisville, KY)
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Three phases to math workshop

- Mini – Lesson
- Work Time
- Closing

Mini-lesson

- Can start with a flashback or “hook”
- I like estimation180.com and visualpatterns.org
- Delivery of new content
- Teacher led
- Math journaling
- Will link up with exit slip
- I can statements – Common Core Standards – curriculum maps – math program

Work Time

- Student led
- Students are engaged in _____
- Easily differentiated
- Great time for teacher to do math interventions or confer
- The majority of the class should be Work Time
- 15-30-15 split
- **I will give you resources for this shortly**

Closing

- Come back together as a group
- Review today's Mini-Lesson
- Take questions/comments from Work Time
- Sharing of student work
- Exit slip

Let's do this

Mini Lesson

- Estimation 180 conversation
- Math journaling

Work Time

- Game of Nim
- Area Block
- Salute

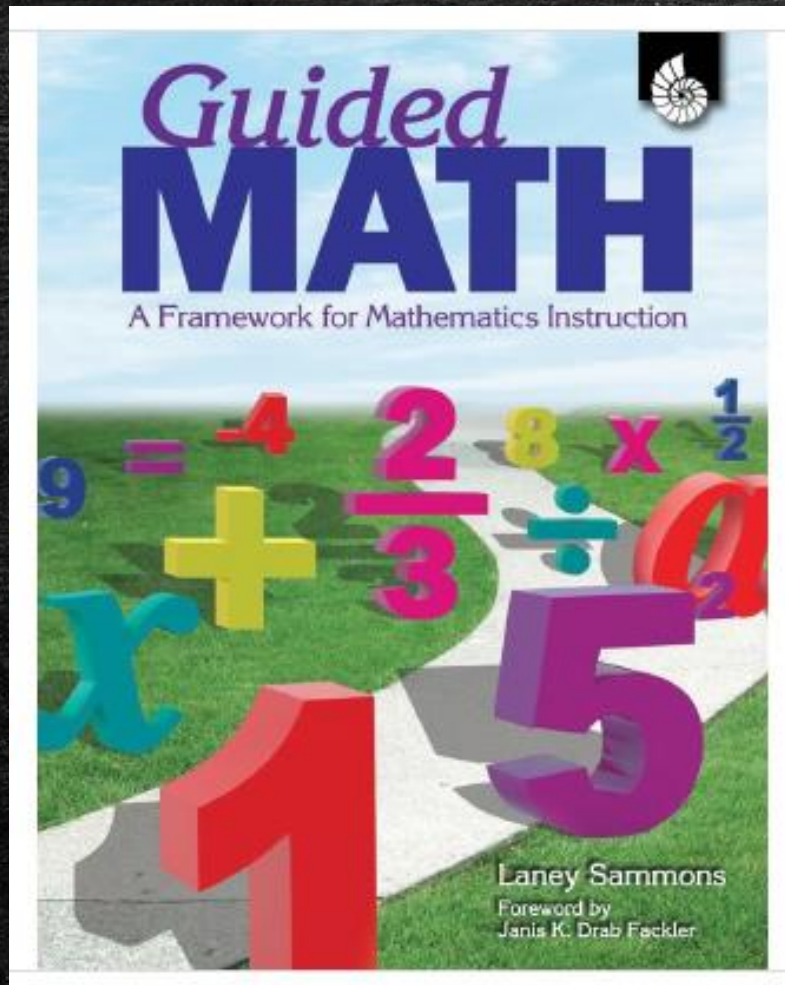
Closing

- What did you learn today?
- What questions remain?
- What hurdles do you anticipate?
 - Can we problem solve those today?
- Exit slip
- **Extra resources to share...**

Math Workshop resources

- Teacher Pay Teachers
- Get on Twitter, best daily PD ever
- People to "Google" or follow: Dan Meyer, Andrew Stadel, Marylyn Burns, Debbie Waggoner (she is in KY)
- Websites: Mastery Connect, KidBlog, Blendspace, Howard County Public Schools, Estimation 180, Visual Patterns, abcya.com, K-5 teaching resources
- Follow me on Twitter: @joshrhodes79

Order this book tomorrow...

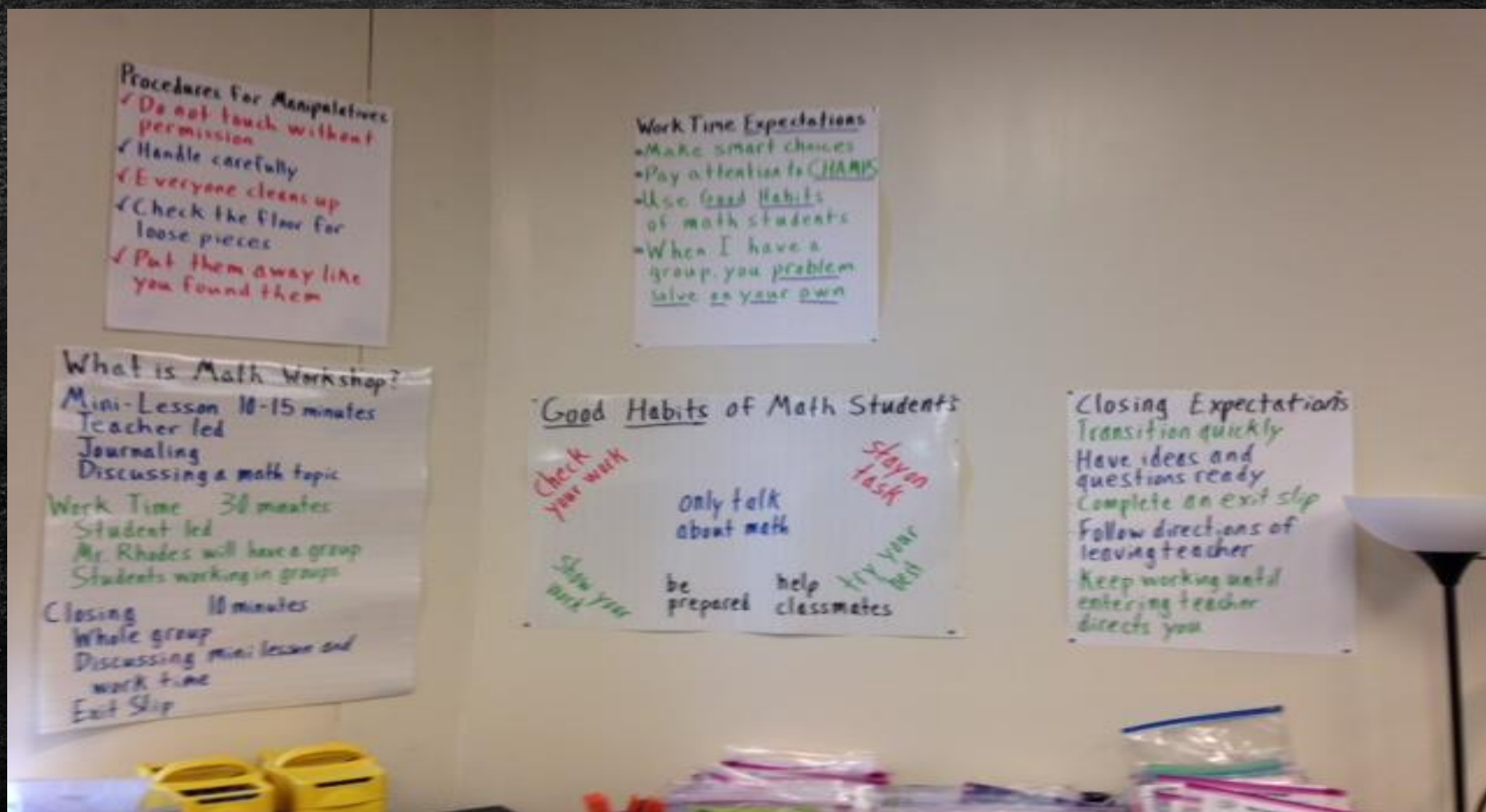


- Quick read
- Goes in depth on workshop
- Useable resources
- It's awesome
- Actually, buy it tonight

Materials to get you started

- gallon bags
- sandwich bags
- colored paper
- laminator
- dice
- dry erase markers
- playing cards (digit cards)
- snap cubes
- base ten blocks
- counters

Organization and anchor charts



Organization and storage



Organization and student work

