

Math Minutes #2

Rigor, Relevance, and Relationships:

Focusing on doing the **ORDINARY**, extraordinarily.

**Norton
Elementary**



The mission of Norton Elementary School is to educate and encourage every student to his/her highest potential through the acquisition of knowledge and appropriate behavior. This will lead to the development of the whole child and optimal student achievement with our local, national and world-class counterparts.

How to be a Guided Math Workshop Superstar:

TROUBLE SHOOTING

Small Groups



- Invest in a timer with an alarm sound!!!
- Attention Span is Age Plus 2!!!
- Begin management procedures day 1.
- Ask good QUESTIONS.
- The STUDENTS do the talking/teacher FACILITATES.
- Use manipulatives.
- Student-centered

TROUBLE SHOOTING

Independent Practice

- Select practice assignments carefully per student needs.
- Give just enough for student success in 8—12 min..
- Grade/assess immediately.
- Connect independent practice to learning targets.
- Use as a formative assessment piece.
- Students show what they know.



TROUBLE SHOOTING

Centers/Games



- Teach students a few games at a time.
- Select games/tasks carefully/globally.
- Introduce new games first in whole group, then small group, then students work independently.
- Make sure students are able to do the games/centers without assistance.

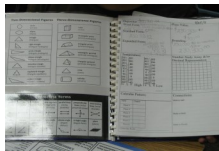
The Guided Math Workshop model:
Mini-lesson,
Guided/
Independent practice, and Sharing.

Guided Math Workshop Gets Results!

Are your students talking through their math thinking? Try pair/share and questioning strategies to enhance student thinking.

Mini-lesson

Use with an interactive journal.
Keep it MINI.
Students have a go.



Small Guided Groups

“Just in time” direct instruction with hands-on.



Independent Practice

Student show what they know each day. Use as formative assessment.



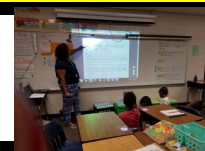
Centers/Games

Concentrate on mental math and global math skills. Make it quick and easy.



Sharing

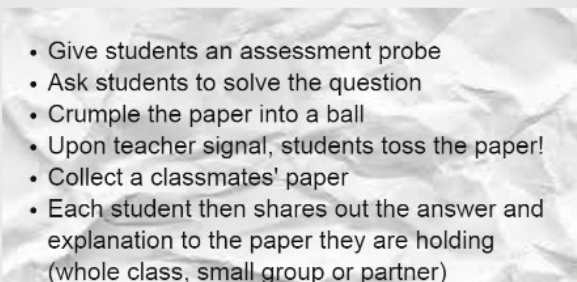
Make time to cement the learning.
NEVER give them permission to forget what they have learned.



Use FORMATIVE Assessment strategies throughout the parts of your guided math workshop. Try out the suggested formative assessment from the MOCC:

September Formative Assessment Strategy: *Commit and Toss!*

- Give students an assessment probe
- Ask students to solve the question
- Crumple the paper into a ball
- Upon teacher signal, students toss the paper!
- Collect a classmates' paper
- Each student then shares out the answer and explanation to the paper they are holding (whole class, small group or partner)



October Formative Assessment Strategy: 3 - 2 - 1!

3 NEW THINGS I LEARNED

- 1.
- 2.
- 3.

2 THINGS I AM STILL STRUGGLING WITH

- 1.
- 2.

1 THING THAT WILL HELP ME TOMORROW

- 1.

