



BALANCED NUMERACY

iPohly Inc
And
Meade Educational Consulting



WELCOME

House Keeping

- QR Codes are on the handouts. Scan them to save!
- Take pictures of boards.
- When we start to rotate, share ideas with your group!
- Presentation, links, resources and ideas can be found at iPohlyINC.com

Classroom Set- Up

- Meeting area
- Stations
- Small group area



COMPONENTS

Math Warm- Up	Lesson	Guided Math	Closing
5-10 Minutes	10-20 Minutes	30-40 Minutes	5 Minutes
Calendar Math	Connection	Conferring	Share
Focus Problem	Teaching Point	Small groups	Journal
Number of the Day	Active Engagement	Independent Math	Assessment for Learning



MATH WARM-UP

Warm- up

- Concept that needs to be reviewed
- Calendar Math
- Spiral Review
- Fact Practice



LESSON

Lesson

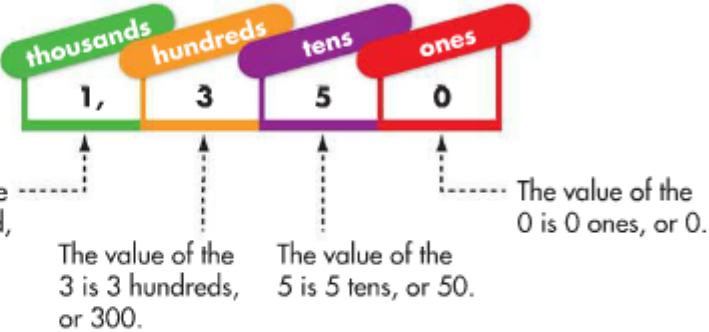
- Use the resource you have! Textbook or Lesson you write yourself. Follow your scope and sequence. Math is tricky- You will need to keep up with your pacing guide.
- Keep it SHORT- 10 minutes. You will not be teaching an entire lesson cycle. Engage (definitely) and Guided Practice (maybe) are the two I focus on.
- Getting to small group instruction is the goal!

Example Lesson 3rd Grade enVisions

- Today we will be reading and writing numbers in the thousands. (Follow the TE)
- Do the activities in the book or write your own- keep them short!

Another Example

How can you show 1,350 on a place-value chart?



The value of the 1 is 1 thousand, or 1,000.

The value of the 3 is 3 hundreds, or 300.

The value of the 5 is 5 tens, or 50.

The value of the 0 is 0 ones, or 0.

Explain It

1. If you showed 1,305 in a place-value chart, how would it look different from the example above?

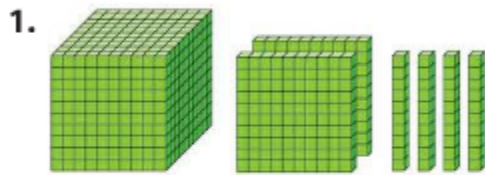
Guided Practice

- Students can do the guided practice in their Math Journal or Interactive Notebook. They bring it with them to small group. Continue the lesson with each group.

Guided Practice*

Do you know **HOW?**

Write each number in standard form.



2. $8,000 + 500 + 30 + 9$
3. two thousand, four hundred sixty-one
4. four hundred one

Do you **UNDERSTAND?**

5. Explain the value of each digit in 6,802.
6. Write a 4-digit number that has a tens digit of 5, a hundreds digit of 2, and 6 for each of the other digits.
7. Suppose another animal is three hundred pounds heavier than the camel in the photo. How would you write that weight in _____ form?



STATIONS

It is up to YOU!

- Decide how many stations you want in your classroom. I have 5 today, because I wanted you to see different ideas.
- Don't have too many! 3 quality stations that are easy to keep up with are better than 6 stations that have different worksheets in them!

THE MAIN GOAL : STUDENTS WORKING
INDEPENDENTLY WITH ENGAGING, RELEVANT
MATERIAL SO YOU CAN WORK WITH A SMALL
GROUP!

Procedures

- Never Change
- Saves time- You don't need to teach them the new procedures each week. Change the materials not the station. A game station will always have a game- different question cards or game board, but always a game!
- Use the first 20 -25 days to teach all of the procedures for math stations.
 - Links to lesson plan ideas for the first 20 days
 - [Nicki Newton](#)
 - [Austin ISD](#)

Procedures I like:

These procedures follow the Daily 5 set-up. I like them because they are simple and easy to model and practice!

- Do math the whole time
 - Stay in one spot
 - Work quietly
 - Work on Stamina
- Get started right away

Grouping Students

- Flexible Grouping



SMALL GROUP INSTRUCTION

Guided Math- Conferring

- Meet one- on- one with students.
 - Go over quizzes and tests
 - Individual Assess students- Correct errors on the spot!

Guided Math- Small Groups

- Continue the daily lesson
- Focus on meeting the needs of the group
- Intensive instruction
- Grouping based on needs (Use a formative or summative assessment)

Guided Math- Independent

- Stations

- Independent Math- Textbook or practice sheets
- Games
- Journaling
- Fact fluency
- Problem Solving



CLOSING

Closing

- Students Share
- Journal or Summarize
- Assessment for Learning



LET'S PRACTICE

I want to know more about...

- Look at your I want to know more card.
- Put your name and circle 1 thing that you want to know more about.
- Put it on the front table before going to your first station.

Look at your station card

- You will begin at the top station and follow the order on your card.
- Watch the presentation screen for the small group you chose at the beginning



ROTATION 1



ROTATION 2

Small Group: Mini Lesson



ROTATION 3

Small Group: Stations



ROTATION 4

Small Group: Guided Math



ROTATION 5

Small Group: Close



THANK YOU!

iPohlyINC.com
for more information