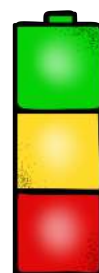
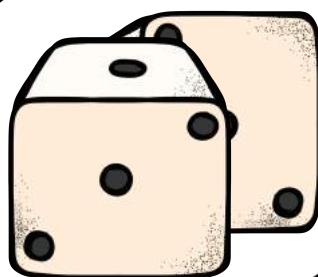




Are you ready  
to give math  
workshop a  
try?



# MATH WORKSHOP

## tips & freebies

### A Collaborative E-Book

Compiled by Literacy Loves Company

# CONTRIBUTORS

Thank you to these wonderful TpT authors for sharing their tips and resources!

## K-2 Resources

KTP on TpT  
Jane Feener  
Fishyrobb  
Sra Casado Spanish and Math  
Enchanted in Elementary  
Rachel O Donnell  
Margo Gentile  
Teacher Tam

## 3-5 Resources

Tarheelstate Teacher  
Believe to Achieve by Anne Rozell  
Mrs. Naufal's Nook  
Setting the Standard  
Third Grade Giggles  
Activate Education  
SunnyDaze  
Literacy Loves Company  
Ms. Batkins' Fabulous Class  
Mickey's Place

## 6-8 Resources

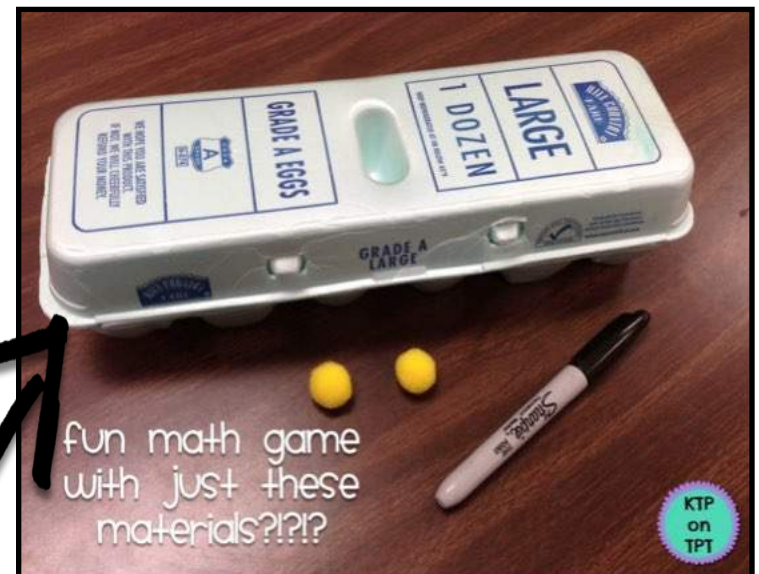
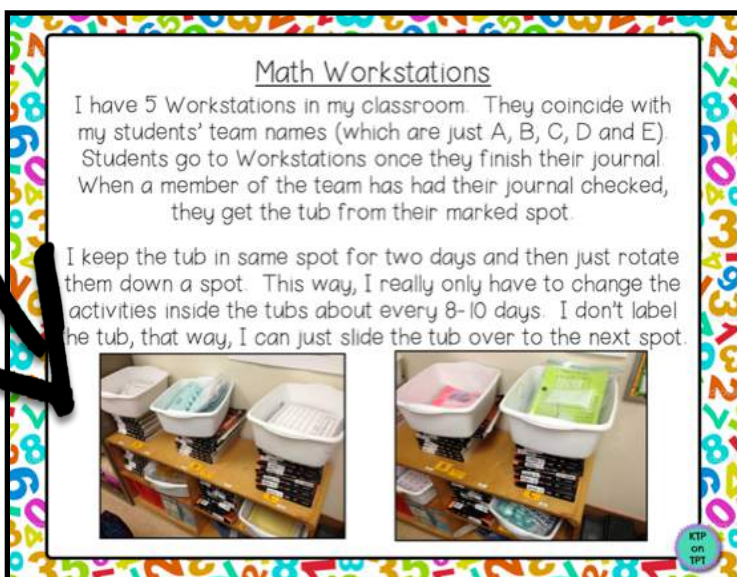
Leaf and STEM Learning  
Weatherly



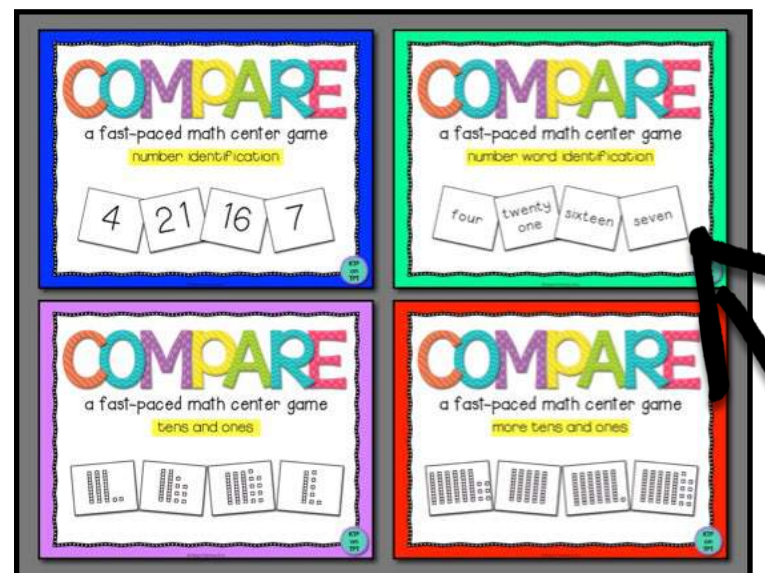
# I ♥ GUIDED MATH

In order to have successful Guided Math lessons, you need to first explicitly teach your expectations for what the rest of the class will be doing. I love having a Math Journal that they complete independently, followed by Math Centers. You need to practice your routine MANY times before even attempting to pull small groups, that way the Centers can run smoothly without your direct supervision.

Below is a link to a blog post explaining how I used Guided Math in my classroom, be sure to check it out!



Click over to my store to get this freebie that my students LOVE!



Check out my Compare math center games- your students will have a blast with these games!

Have a  
GREAT YEAR!  
-Katie







# Math

# WORKSHOP

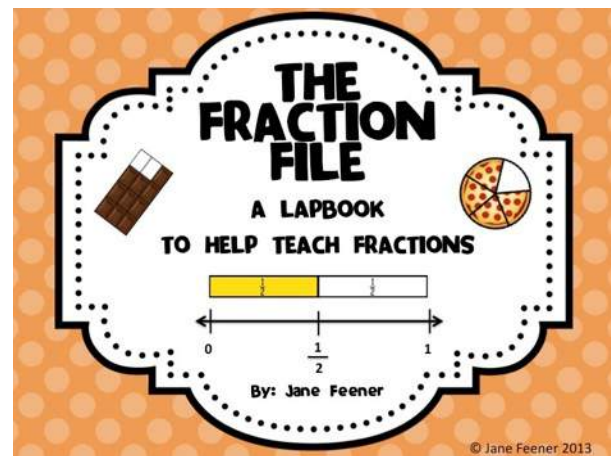
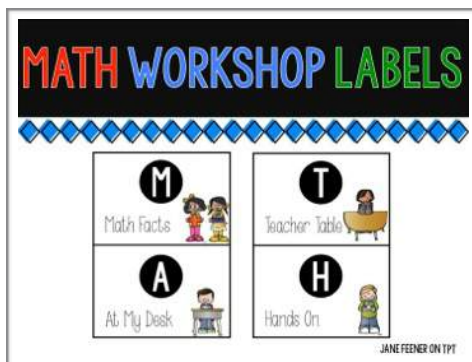
A great tip I have for organizing your math workshop materials is to use scrapbooking storage containers to hold all your supplies. If you are using the MATH acronym you can buy four containers and use the labels below to help you get organized.




## FREE



Labels for your  
Math Workshop Containers



If you are looking for a great  
back to school math project then  
you may like to make this



By: Jane Feener



# Get started with MATH WORKSHOP!



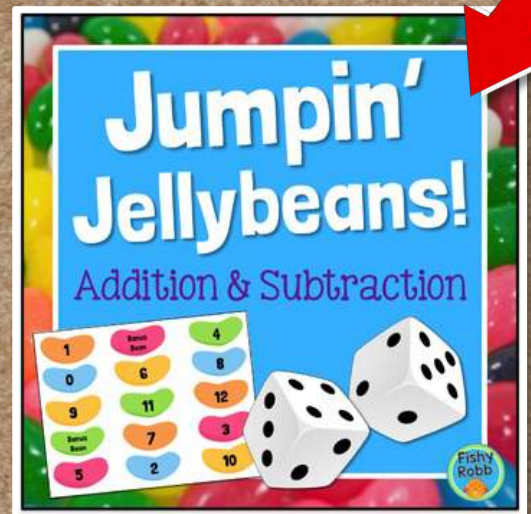
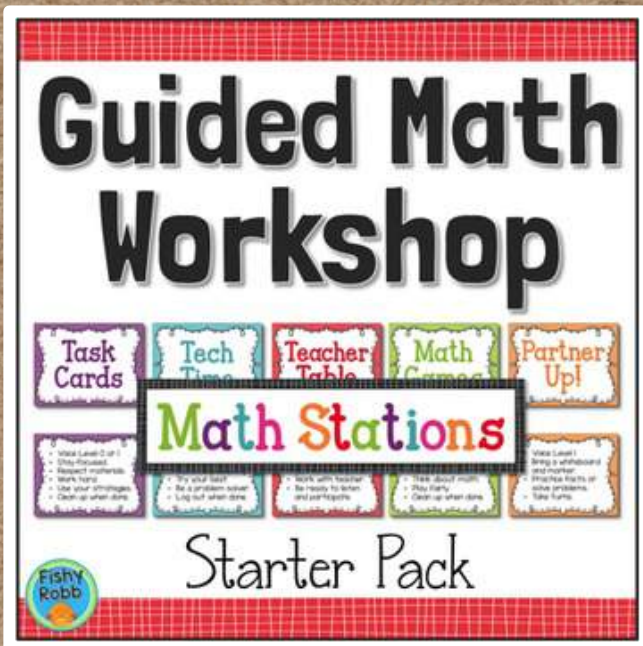
## Teacher Tip

Math stations are for practicing skills, not learning new ones. Set students up for success by introducing new math activities and games at your teacher table BEFORE you put them in a math center.



Games are a great way to practice math skills!

## Grab this Freebie!





# Planning Math Centers with Sra Casado



## Math Center Tip:

### Two Birds with One Stone!

When planning a Math Center, always try to work on a specific math skill PLUS a softer skill. Fine motor, spatial, teamwork, and organizational skills can be honed while practicing math standards!

### Ten More Ten Less Puzzles

English version

The magic number  
is: 34

Ten less  
are  
24

Ten more  
are  
44



Try this freebie with your firsties to work on spatial skills as well as 10 more 10 less math facts.

Need a little more practice on Fact Families and Number Bonds up to 10? Try this bundle of worksheets and task cards!

Fact Families  
&  
Number Bonds  
(Within 10)

Worksheets  
&  
60 Task Cards!



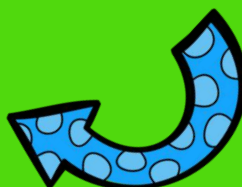
# Math stations

## Tip:

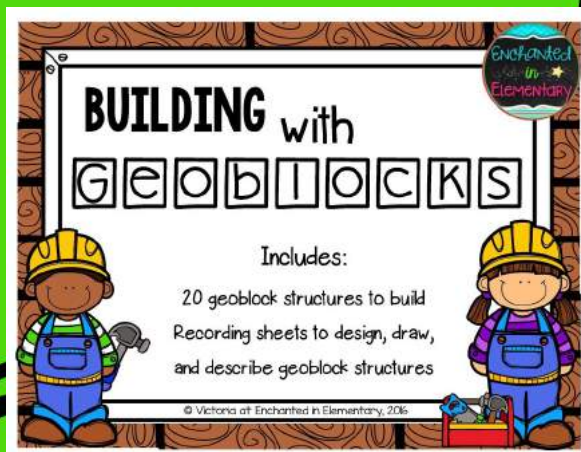
Use photo storage cases for storing cards for math games and sorts.



## Math station freebie



## K-2nd geoblocks center





# MATH WORKSHOP

## Math Station Tip:

**Mix It up!** Have individual activities as well as paired partner work and games.

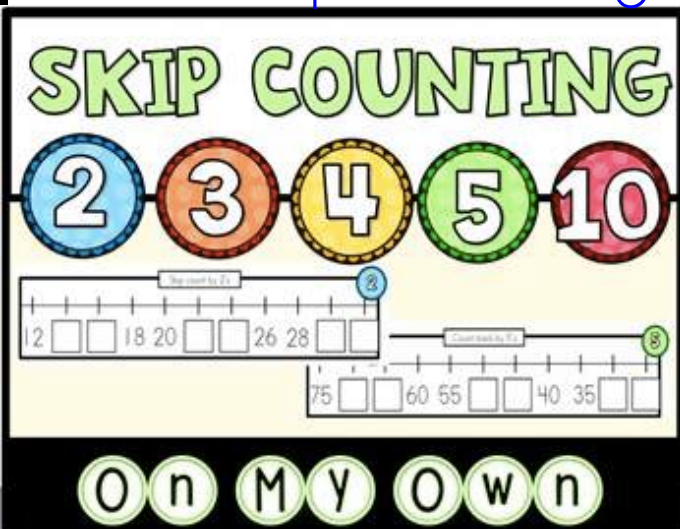


Resource tip: A deck of cards can be used in so many ways! Top it, greater than, less than, addition, subtraction, multiplication, memory games and more!

## Forever Freebie!

Skip count forwards and backwards by 2, 3, 4, 5 and 10

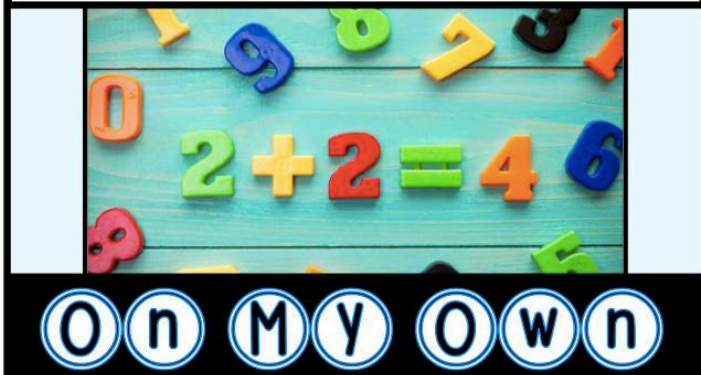
## Free Skip Counting



Math Centers to last the whole year!

## Year Long Math Centers

## MATH CENTERS ALL YEAR LONG



Rachel O'Donnell

Credits: Hello Literacy Fonts, Khrys Bosland Fonts, Darcey Baldwin Fonts



# MATH WORKSHOP

## Freebie



## Product



## Tip



Use Jackolantern candy bucket to hold coins.

# Coin Counting/Recognition Math Center



Store: <https://www.teacherspayteachers.com/Store/Margo-Gentile>

Freebie: <https://www.teacherspayteachers.com/Product/FREE-Page-from-Jackpot-Jackolanterns-Coin-Counting-Mats-1519946>

Product: <https://www.teacherspayteachers.com/Product/Jackolantern-Jackpots-Mats-Coin-Recognition-and-Counting-Money-2146637>



# FUN MATH STATIONS!

from Teacher Tam

## Print and Play Games!

Make centers and small groups fun and easy with one page games. Just print, laminate, and add pieces to a plastic bag. This makes activities easy to grab, send home, or file away for next year!



## FREE ONE PAGE MATH GAMES FOR K-3!



## Cut-and-Glue Math for 1st

This engaging, hands-on book covers ALL 21 of the CCSS for first grade math! Each of the 53 pages comes in a fun, cut-and-glue format. Similar sets are available for K-3.



# Happy Teaching!





Before you launch a new unit in your

# Math Workshop,

consider how you will identify your students' levels of understanding and mastery!

I discuss math concepts with my students based on three levels of challenge and pre & post assess them through these levels:

**Building Blocks**-pre-requisite skills and understandings that students need to have in order to meet grade-level expectations. It is not negative to be at the "building blocks level" for a pre-assessment. This just means students haven't learned what they are supposed to learn for their grade level, yet.

**Goals**-"on grade level" expectations based directly on the 3<sup>rd</sup>, 4<sup>th</sup>, or 5<sup>th</sup> grade standards.

**Gold**- "above grade level" expectations. The Gold level provides ideas for stretching students who easily meet grade-level expectations. Using the three levels of understanding encourages students to develop a *growth mindset* towards their math learning. By pre-assessing and post-assessing students with leveled assessments, they can see how much they have grown!



**Tip:** You can classify all of your math assignments & activities with these categories to match students to their level of readiness.



Want to learn more? Check out all the details in my **Rounding Differentiated Assessment Freebie!**

[Click to visit my blog!](#)

CREDITS: LITERACY LOVES COMPANY \* GABBY'S CLASSROOMS \* KG FONTS

# Welcome to Math Workshop!



## Organization Tips!

1. Put each station in a box with all supplies and copies needed.
2. Number boxes. These boxes are from the Really Good Stuff Company.
3. Place a math read aloud book in each station for early finishers.

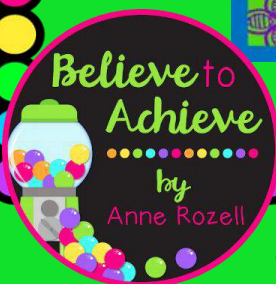
## Math Station Freebie



## 3<sup>rd</sup> Grade



# Lots of Fun!



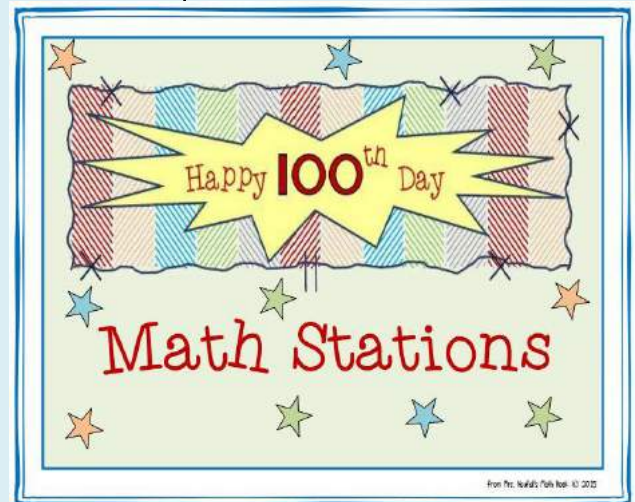
Credits:



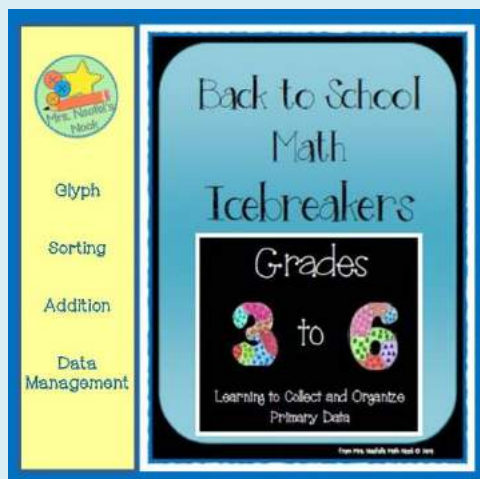


# Classroom Management Tips for Your Math Stations

<u>Look Like</u>	<u>Sound Like</u>	<u>Feel Like</u>
<ul style="list-style-type: none"> <li>✓We are working with math ideas.</li> <li>✓We are taking turns nicely.</li> <li>✓We are talking with our partners about math.</li> <li>✓Things are put back in their places.</li> <li>✓We are on task.</li> <li>✓We are using the materials the way the teacher showed them.</li> <li>✓The teacher is not interrupted while working with a group.</li> </ul>	<ul style="list-style-type: none"> <li>✓Quiet voices so others can concentrate.</li> <li>✓Using math talk.</li> <li>✓Talking with just your partner.</li> <li>✓Making good choices together.</li> </ul>	<ul style="list-style-type: none"> <li>✓I can do this!</li> <li>✓I like to solve problems.</li> <li>✓I feel calm.</li> <li>✓I like math!</li> </ul>



Free Download



Back to School  
Math Icebreakers



# Standards Based Math Stations



## Organization Tips:

🍎 Save time at the copy machine by providing students with white boards & dry erase markers at your math station.

🍎 Also, hold students accountable by putting them in pairs. Students can use a premade answer key to check each others work.



Sweet Games



Put A Ring On It Subtraction Game



Get the complete unit...



## Get the Whole Unit



## Math Station Freebie



Credits: KG & Hello Literacy Fonts & Creative Clips Graphics

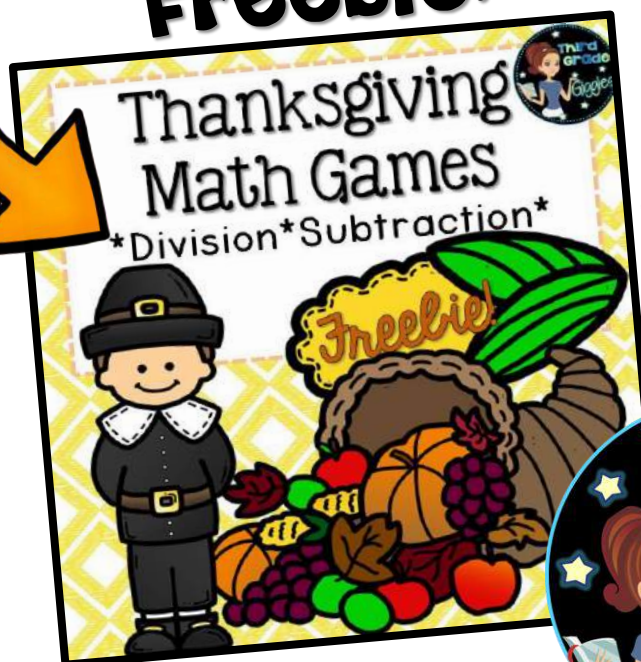


# Third GRADE Giggles LOVES Math!

## Student Sharing Tip:

Always have your students share their mathematical thinking! I leave large chart paper (lined or graph paper style) and a basket of markers at problem solving stations. After students solve the problems, have them record the steps that they used to solve the task. The chart paper and markers are a huge motivator for the students. You can select all, or some students to share their chart paper posters with the whole class. You can also share in a carousel style by hanging the explanation posters around the room and having students rotate around reading each poster and comparing their solution to others'.

## Math Games Freebie:



## Place Value Task Cards & Problem Solving:





# MATH STATIONS TIP:

Use personalized To-Do lists for Station Time.  
Especially helpful  
for:

- ✓ Small classrooms without extra space for movement, supplies, and copies of directions.
- ✓ Teachers who have multiple preps. No need to quickly clean up and lay out new station directions. Simply pass out the to-do list to students on Monday and have them keep it with them all week!
- ✓ Students with special needs. The list is up close and personal, can be checked off as they go, provides routine, and helps with transitions.
- ✓ You can add reminders about the calendar, due dates, and expectations as desired. I often leave a space to check in about math skills, work completion and so on.

**Math Station To-Do List**

Name: \_\_\_\_\_  
Week of: \_\_\_\_\_

Reminders:  
No School this Friday!  
Math Homework Packets due next Monday

Monday	Tuesday	Wednesday	Thursday	Friday
Station 1: Math Group at Teacher Table  Supplies Needed: Pencil	Station 2: Extend at Small Group Table 2  Supplies Needed: Pencil, Place Value Game from Bin #2	Station 3: Independent Practice at your seat  Supplies Needed: Pencil, worksheet from Bin #3	Station 4: Tech Time at your seat  Supplies Needed: Laptop or iPad, log in info	NO SCHOOL
Directions: Teacher will give at station	Directions: With your group, read the game directions and play together.	Directions: Complete the Place Value Solve + Draw worksheet. Check your answers with your elbow partner before drawing.	Directions: Log in and work on Mobymax <input type="checkbox"/> Math Facts (10 mins max) <input type="checkbox"/> Math Skills	NO SCHOOL

Finished Early? You May:

- Help a classmate who is in the same station you are
- Finish work from a previous station
- Use the bathroom (follow sign out procedure)
- Catch Up Time (class work or homework)
- Read to meet your independent reading goal
- Math app time

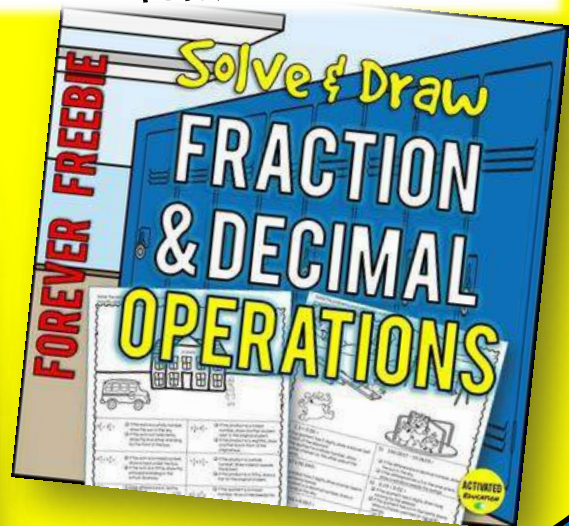
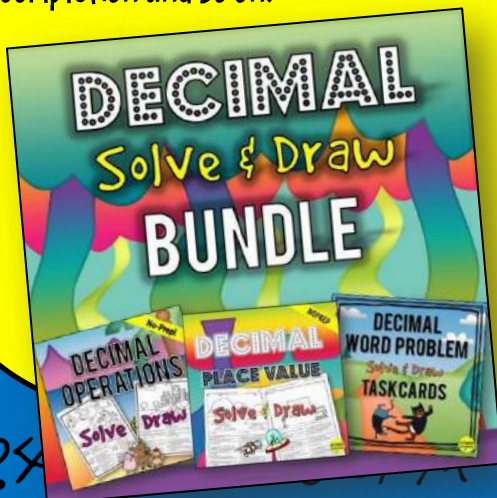
Finished Early? You May NOT:

- Interrupt others
- Have free time
- Stop working

Challenge of the Week:

$\text{Apple} + \text{Apple} = 100$   
 $\text{Apple} - \text{Apple} = 80$   
 $\text{Apple} \times \text{Apple} = ?$

Use this FREE No-Prep Solve + Draw resource for engaging independent practice during Station time!





# MATH MATTERS!

## Teacher Tip:

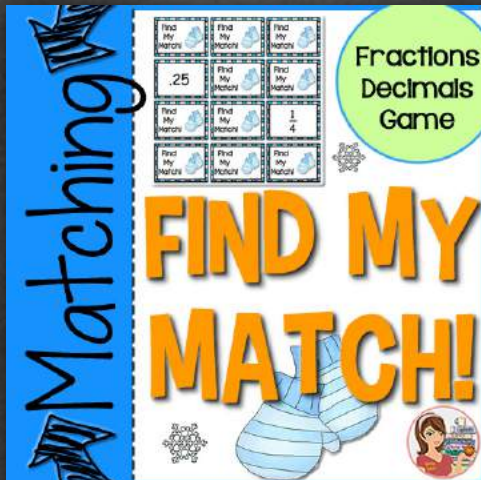
Use technology to keep students engaged. QR codes can be scanned by students for easy self-checks.

Interaction is key!

Use this set of **QR Code Math Word Problem Task Cards** at your center to motivate your learners. Kids love to scan the cards!

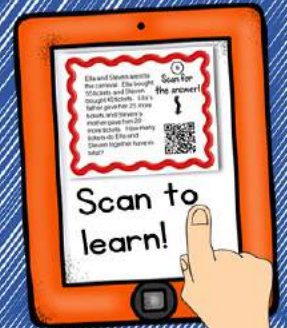
Click to download freebie!

FREE Math Concentration Game



## QR Codes MATH

Task Cards



Helpful Hint:

Be sure to use the recording sheet that is provided for accountability.





# WELCOME to MATH WORKSHOP!



## ORGANIZATION TIP

Don't overwhelm yourself with too many stations. I try to keep it to 4:

1. Math Fact Practice
2. Interactive Notebook Station
3. Spiral Review
4. Game that connects to skill we are currently working on.

I switch out activities at each station to connect with the skills we are working on in math.

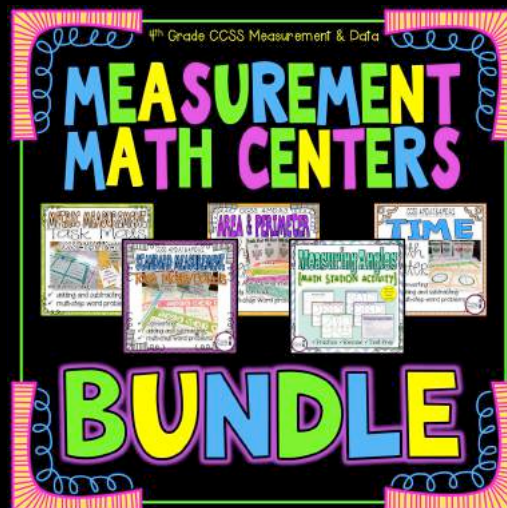
## MATH STATION FREEBIE



**DOMINO**  
Fractions



## 4<sup>th</sup> grade



MEASUREMENT  
MATH STATIONS  
WITH QR CODES



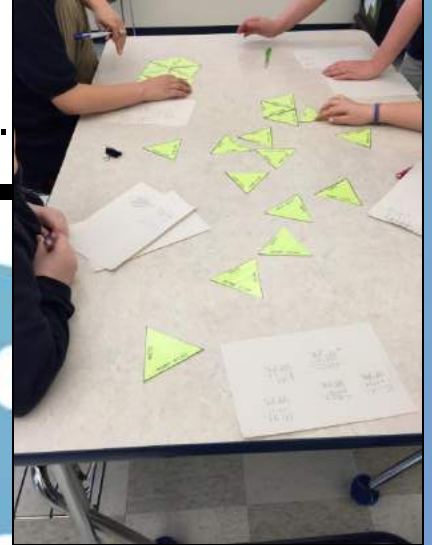
BLOG POST



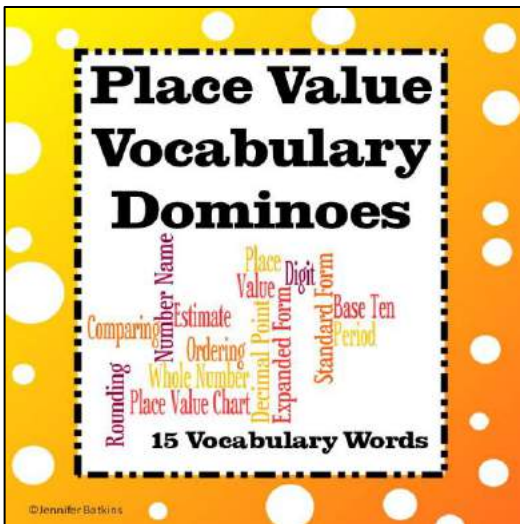


# TIPS

- ❖ SPEND TIME AT THE BEGINNING OF THE YEAR TEACHING STUDENTS HOW TO USE THE CENTER ACTIVITIES.
- ❖ KEEP THE ACTIVITIES SIMILAR THROUGHOUT THE YEAR BUT CHANGE OUT THE SKILL, THAT WAY THEY ALREADY KNOW WHAT TO DO.
- ❖ LET THEM WORK AS PARTNERS OR IN GROUPS.



# FREEBIE



MS. BATKINS'  
FABULOUS  
CLASS



## Math Organization Tip:

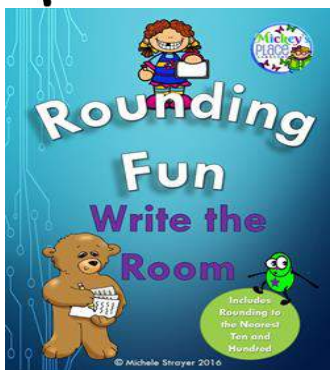
### Math Organization Tip:

- Make sure that all of your station cards are coded for easy storage.
- An example is that all of the cards in a set will have the same picture or letter in the corner.



- Store your sets in plastic sleeves or in clear plastic bags and other containers. This will help you to see what you are looking for easily, when you are setting up a math station and activity.

**F  
R  
E  
E  
B  
I  
E**



Other Math Choices!



Thank you to these clipart stores!



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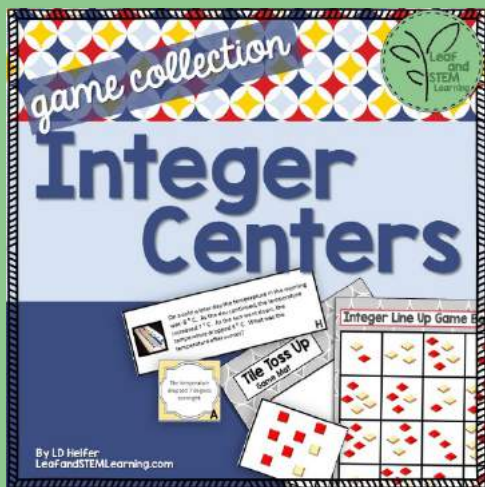


# Math Workshop for 6<sup>th</sup> grade classrooms



## Free Math Station Game

This game is simple to make and play but provides rigorous and standards-relevant practice with modeling integers!



More from Leaf and  
STEM Learning

## Tried and True Tips

*Have a mix of activities for students to work on.*

- Try to have a math game, notes or vocabulary work, and problem solving or writing in the mix.
- You don't have to go "all groups, all the time." Sometimes kids need a break from each other. Have some time where students can work individually.

### *Keep students accountable.*

- Try having a recording sheet for stations that require computation or problem solving.
- For stations that involve card sorts, let students take a picture of their work. They can write their name with dry erase marker on the desk or place a paper with their names near the sort to capture in the picture. This can be done with a class tablet or if you are comfortable, the students can use their phones and email you the photo. This is a quick way to hold students accountable for completing work that is tricky to turn in.

### *Don't make yourself crazy!*

- You don't need six different work stations going at once, even if you have six different groups. Make two of each station and have two rotations going at once.
- You can still pull guided math groups even if your students are not in stations. Don't feel bad if sometimes you or your students need a break from the daily station rotation. Just make sure the independent work is something the students can really do with you!

This collection of integer centers includes four more activities for your students to practice basic integer skills. It includes problem solving, models, and vocabulary station activities!



**TIP** for a successful math station

=====

Provide an activity that your students know how to do.

- Give your students a feeling of success.
- There will be fewer to no questions.
- The 'station' experience will be independent of teacher management (other than set-up, of course)

## a math-tivity CARTesian graphing



FREE

## 10 months of CARTesian graphing



a graphing activity  
for math stations



credit: KGFONTS



# CREDITS

Thank you to these incredible font and clip artists :

- \*KG Fonts
- \*Hello Fonts
- \*KB3 Teach
- \*Deeder Do
- \*Rebecca B. Designs
- \*I Teach, What's Your Super Power?
- \*Creative Clips
- \*Khrys Bosland Fonts
- \*Darcy Baldwin Fonts
- \*Literacy Loves Company
- \*Gabby's Classroom
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- \*Kate Hadfield Designs
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- \*Teacher Karma
- \*Laurel Susan Studio
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- \*Scrappin Doodles
- \*Educlips

Links to these stores can be found on individual pages.