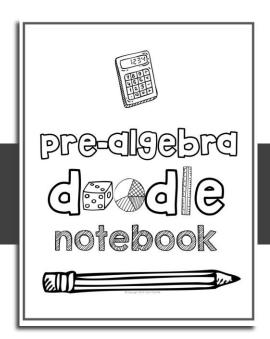


Teacher Guide: Middle School Pre-Algebra

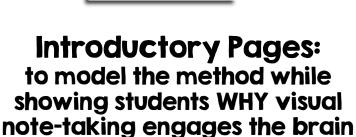
occer notebook

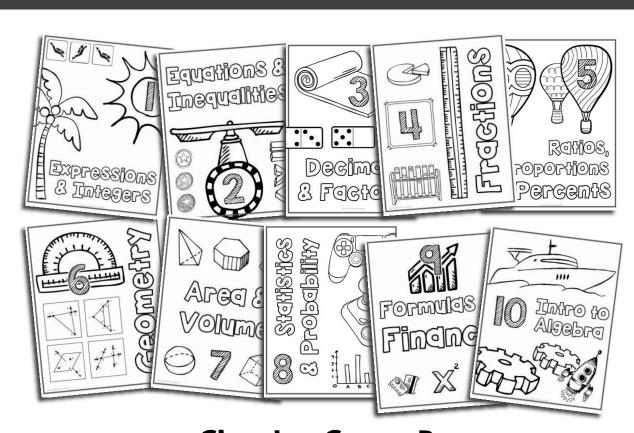




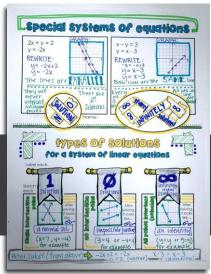
What's Included?







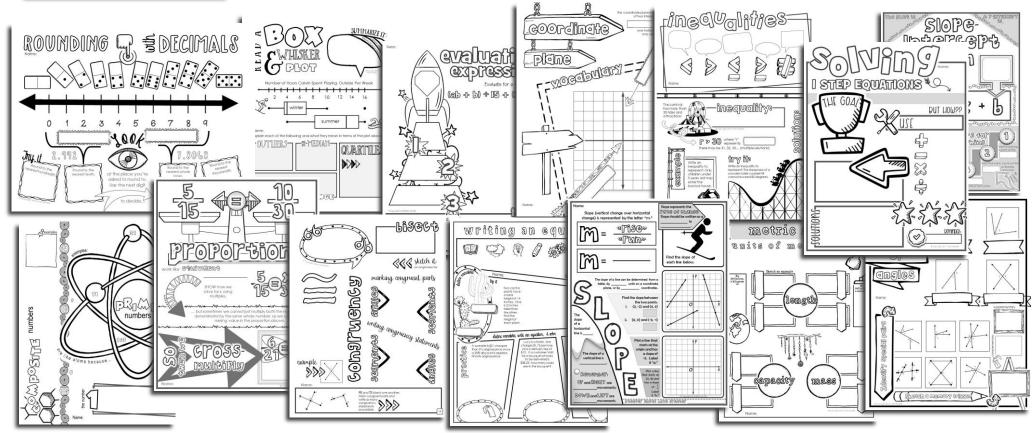
Chapter Cover Pages
Just for fun & organization!
(Students can color if they want to)



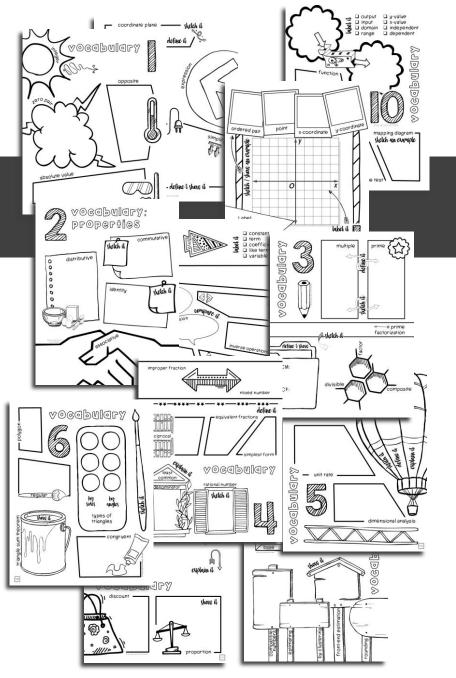




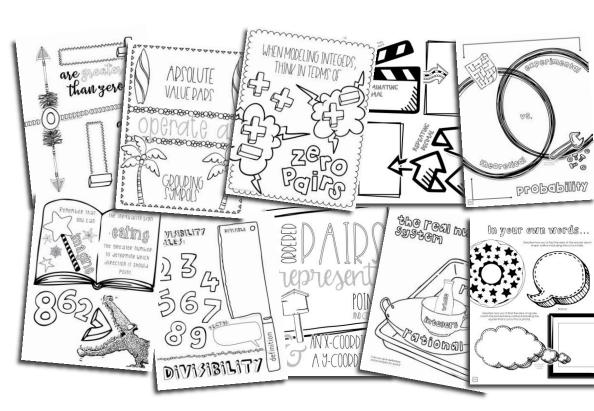
What's Included?



Visual, Interactive "Doodle Note" Lesson Pages for all the key ideas in middle school math / Pre-Algebra coursework

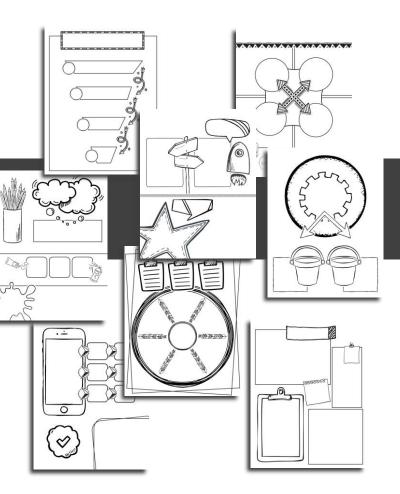


What's Included?



Vocabulary Reviews

doodle-friendly sheets for students to review key terms after each chapter (26 total pages of vocab review included) BONUS coloring / fill-in pages a few extras here and there for students to review key ideas

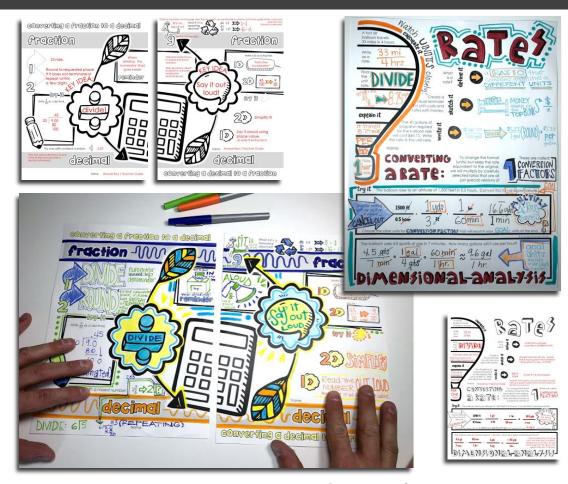


IO Blank Templates for adding any extra lesson topics you'd like students to have included

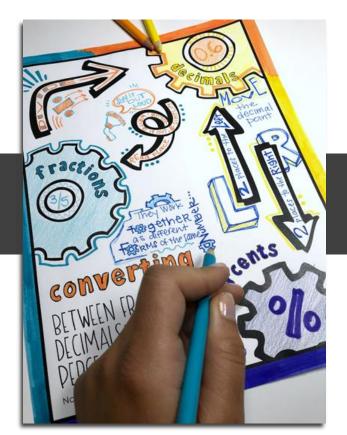
This way everything will be in one place instead of additional notes being on loose paper (and still with the brain-based benefits of the visual note format!)

doodle notebook

What's Included?



Answer Keys & Photo Samples for guided note-taking

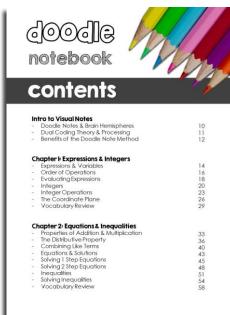


What Topics Are Included?







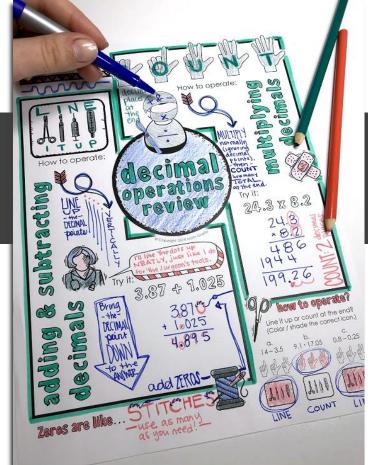


contents Chapter 3: Decimals & Factors Decimals Rounding with Decimals Decimal Operations Multiples & Factors LCM & GCE Exponents Exponent Rules Scientific Notation Vocabulary Review Chapter 4: Fractions Mixed Numbers & Improper Fractions Converting Between Fractions & Decimals Adding & Subtracting Fractions Multiplying Fractions Dividing Fractions Vocabulary Review Chapter 5: Ratios, Proportions, & Percents Unit Rates Proportions Percents Fractions, Decimals, & Percents Percent Equations Vocabulary Review

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This book includes 10 full chapters of notes to cover your middle school math lesson topics.



A unique blend of...

visual memory triggers
/ graphic analogies

Y interactive tasks



doodle notebook

What makes the "doodle note" method effective?

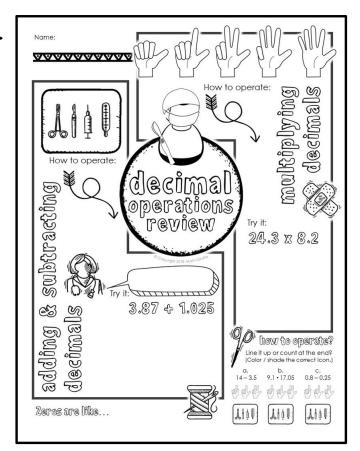
visual memory trigger



a blend of teacher input and plenty of space for student input

graphic analogy







visual memory trigger

interactive task



opportunities to color, doodle, embellish, and do handletterina

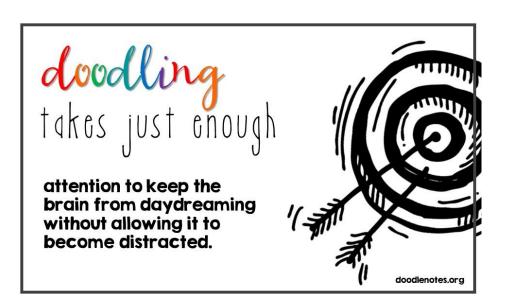
doodle notes

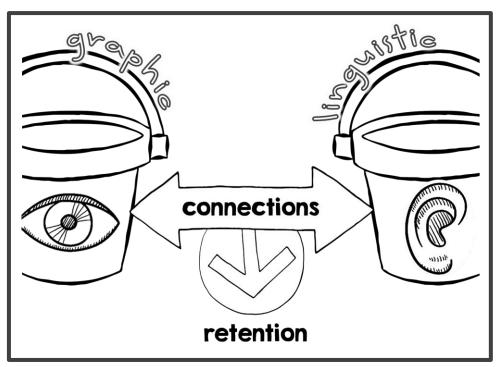
learning benefits of visual note-taking

The brain processes linguistic input (teacher voice, written text, words) in a completely different area from all graphic input. But when visual or graphic input is BLENDED with the words, the two regions of the brain connect.

The referential connections between the two zones allow the information to actually be stored and become long-term memory!

This is called Dual Coding Theory.





It has been proven that students can retain more information when they connect the linguistic and visual centers of the brain.

Doodling while listening has also been proven to improve focus! Visual note methods have numerous benefits for student learning.

docule notes

learning benefits of visual note-taking



stronger **focus**



retention through dual coding



mental connections



memory **boost**



associative recognition



relaxation **benefits**



between brain hemispheres



buildinglong-term
memories



neural pathways



increased creativity & alertness



picture superiority effect



problem Solving skills boost





what teachers are noticing

"I could not believe the **increase in engagement and understanding** my students demonstrated! WE love these!"

"This is my favorite math product! This truly is my favorite math product!:)"

"This works great for my students who can't just sit still while I'm lecturing and need to doodle. I've noticed quiz and test grades have been going up since doing doodle notes!"

"Perfect for students with Dyslexia, ADHD, or other learning disabilities."

"my students all begged to use these notes for the whole year! They even told each other to each pitch in \$2 so that they can help me purchase them!"

"My students absolutely love the doodle notes, and they feel like they retain more information."

"My students and I are loving the doodle notes. They can't believe that I am telling them that they have to doodle. And they love watching me doodle too. Not only that but I have already seen a **major** increase in their math scores."

"Excellent quality! My students LOVED these! in their quarter reviews, they all said these were one of their favorite activities!"

"I love your doodle note pages. They keep my students engaged as not staring off into space while I am trying to teach them lessons from the book. I have noticed too that most of my students are **retaining information and skills** taught because of these doodle notes! Thank you!"





what teachers are noticing

"No notes left behind... Students value these reference pages enough to keep up with them!"

"Doodles DO IT FOR MY CLASSES>>>BEST RESULTS FOR NOTES!!!LOVE THEM!!!"

"My Pre Algebra class LOVED this! They keep asking for more and more and I love seeing them pull the notes out for reference when they get stuck!"

"I'm hooked on this concept of using doodling to increase the brain's ability to soak up details. It's been very successful in class and most of my students seemed to like how colorful they could be."

"Keeps them extremely focused!"

"My students don't complain about taking notes when they are in a Doodle Notes format. Many of them will line all of their colors up on their desk, and they are ready to learn. Thank you for making these."

"What a great resource to use with my students. It seemed like no matter what I had them write with their pencils it wasn't sticking...give them a doodle and some color-BAM! more kids are relating back to it. Thank you so much for this resource."

"mildly (okay majorly) addicted to the doodle notes that math giraffe has produced"

"Thank you, my kids love to do the Doodle Notes and they refer back to them in their journal when they need it. To me that is the biggest compliment possible."

"My 8th grade summer school who are mostly boys loved coloring the notes. I'm pleasantly surprised!





what teachers are noticing

"One of my students interrupted me to yell, "I finally get it!!!" He then went on to say that he wished I had started using them earlier in the year"

"I teach 6th grade and have bought all these products that are covered in this grade. I want to use these for various strategies. As intro to lesson, additional support, focus tool, review. Just so great."

"I love teaching with Doodle Notes! My students are always actively engaged the entire time!"

"MY special education students love these. Color coding and decorating the notes gives them more time to interact with the notes without just reading them 10 times or extracting information. This makes it much more interesting for them, and my spatially-inclined students LOVE the chance to draw and doodle."

"My students loved this! The coloring helped relax the students while they took notes."

"The color coding helps them to make connections."

"The best purchase I've made so far! You helped my students comprehend a very difficult concept. Wow! Thank you"

"Doodling helps my daughter's stress level during math lessons!"

"I just did this with my kids the first time and they LOVED it! I am also discovering that they are remembering the material much better than me just lecturing!"