

MAD DOG MATH SYSTEM

What you need to start:

1. Flash cards
2. Mad Dog Math-ANYWHERE (web-based version of our software for PC's, Mac's, and tablets) and Fact Families, Order Chart, and Progress Chart.
Once you log into MDM-A, you have access to these pages in the Subscriber Resource section on the drop down window under My Account. Print them off and keep in a safe place and refer to daily.
3. OR paper/pencil binder version (important pages are included in the binder).

Ways to practice (See Teaching Video on Mad Dog Math website):

1. Orally drill family/ies
2. Write family/ies
3. Practice with flash cards

How to use the system (See Teaching Video on the MDM website):

1. Look at the Order Chart and start with drill #1. Whatever family/ies that first drill is over, that is where you start.
 - a. In Puppy Dog, it's with the $+(0-3)$ families
 - b. In Level 1, it's with the $+(0-3)$ families
 - c. In Level 2, it's with the $+(0-6)$ families
 - d. In Level 3, it's with the $2\times$ family
2. Once your child has passed that first drill in 2 minutes (can miss -2 or less), go to the next drill on your Order Chart. Practice for that one and then pass that 2-minute drill with a -2 or less. Keep working your way down the Order Chart doing ALL the drills in 2 Minutes. THIS COULD TAKE SEVERAL WEEKS OR MONTHS!
3. Once you have passed the 2-Minute Club, then go back and do them all again in 1 minute. (Remember, -2 or less passes.)
4. Once you have passed all the 1-minute drills in the 1-Minute Club, then go back a LAST time and do them all in 30 seconds. This is where the magic happens! Once your child has passed all his 30-second drills in the 30-Second Club, he has mastered his facts!! Woohoo!!
5. Be sure to use the Progress Chart to chart progress. This is very encouraging for the kids. Display it on the refrigerator and oooh and awww over your child's progress! Each drill passed is an accomplishment!

Three levels of MASTERY (from lowest to highest):

1. Accuracy: correct answer (skip counting and singing the facts are at this level)
2. Fluency: fast and accurate
3. Automaticity: fast, accurate, and with very little thought; **this is what we are striving for.**

Teaching tips:

1. Whatever form of practice that works BEST with your child, do that for each new fact family. For some kids it's torture to have to write them out, while for others, it's the only way they can learn them. For some, oral drilling is all they need, while for others, oral drilling isn't how they learn. **DO WHAT'S BEST FOR YOUR CHILD. NO ONE KNOWS BETTER THAN YOU HOW HE LEARNS.** Parents, this is a system. Please feel free to **USE** the system (and not the system using you!) to best help your child get those facts into his long-term memory for life. Once they have them...they **HAVE** them!!
2. Flash cards: only put on the ring the cards you are working on. Please don't load up that ring with a zillion cards. That is overwhelming and demoralizing. Of those on the ring, once you know an answer automatically, then put it aside. Go through all the cards on the ring, separating into 2 piles, the ones you know and those you don't know. Now, concentrate on the ones you don't know.
3. I will be teaching some tricks (**See Teaching Videos on the MDM website**) in my class, but **MOST** of the facts in your level will just need to be memorized. How? By oral drill, writing the family out on paper, practicing with flash cards, and a **LOT OF HARD WORK.**
4. 10 minutes per day/5 days a week (Very do-able!)

Levels of MDM-ANYWHERE (software):

Puppy: Kinder

Level 1: 1st Grade

Level 2: 2nd Grade

Level 3: 3rd Grade and Up

Challenge: Once your child has mastered all his +, -, x, and ÷ facts, keep sharp by doing **Mutt Math first**, and **then on to Kennel Trouble**. Both work on

the same time-system that MDM works on: 2-Minute, 1-Minute, and 30-Seconds.

How many times can I take the same drill in a day?

Good question! As many times as you need to pass. You might pass on the first try or it may take several tries. It's up to Mom to decide how much time you will spend. If you don't pass the drill today, then that's where you pick up tomorrow.

What's the typical # of drills to pass in a day?

That varies with the child. In the beginning when it is easier, your child may pass 1 or 2 or even 3 in a day. But he may pass none. The beauty is that each student works at his own pace.

Can I pass more than 1 drill a day?

You can pass as many as your brain will allow! (Moms, I want you to know that it has been reported over and over again to me that kids beg to stay on the computer "just a little longer"! Great problem to have!)

Can I spend more time on the computer than 10 minutes?

Yes. Please spend at least 10, but you can spend more. It is up to your parent to decide how much over you may go.

Reporting:

Parents, once you log in to MDM-A the first time, go to My Account and choose Account Children. Put your child's **first and last name** in the first box to the left. Then move to the right and check the box that is Send Report to Julie. Then click Save on the far right. Once you do that, I will be able to see your child's progress in real time. I will go in and check my students' progress periodically.

Certificates:

Certificates are rewarded in class for completing the 2-Minute Club, the 1-Minute Club, and the 30-Second Club. Each one represents a TON of work and I suggest you put them on display at home. **As soon as your child passes a club, please email me and let me know.** I will prepare a certificate for him and present it at an awards ceremony at the end of the next class. I will also

send out an email blast to his classmates so we can all rejoice over his success!

Teaching Videos on MDM Website:

Please take advantage of these videos. Much of this is what I share at Home School conferences. These are nuggets that you won't want to miss out on. You will find them on my website (www.maddogmath.com) on the Home Page to the right under Teaching Videos (what else??) Enjoy!