

MATH GAMES AND RESOURCES FOR PARENTS

Created by Ann Elise Record for Build Math Minds

Here are some suggestions for fun games parents can play with their children at home gathered from advice from members of the Facebook group Build Math Minds. No matter which game or activity, one of the most important things we can do as parents is encourage our children to explain their math thinking.

GAME BOARD GAMES

BATTLESHIP – coordinate grids

CLUE - logic

CRIBBAGE - addition & subtraction practice

GREG TANG GAMES – check out www.gregtangmath.com for lots of terrific games and puzzle packs available to purchase

MASTERMIND – logic

MONOPOLY – money, addition and subtraction

SUM OF WHICH – check out www.sumofwhich.com for all the various game possibilities

YAHTZEE – subitizing dice dot patterns, addition, multiplication

CALLI WRIGHT shared her webpage which lists and describes many games: <http://tinyurl.com/ydfslefh>

MATH FACT FLUENCY

Play games that are specific to a math fact strategy that are used within the classroom to get extra practice in determining the answers as well as practicing the strategy. There are [many resources available in a shared Google Drive folder](#) within the Math Running Records Facebook group. You can view

WATCH THIS VIDEO BY DR. NICKI NEWTON on how to use flashcards and encourage children talking about their thinking. <https://youtu.be/R1R6dg9r5Ec>

CARD GAMES

GO 10 – plays the same as Go Fish, but rather than asking for a matching pair, you ask for the number that would make a 10 with yours

WAR – lots of options depending on age of child; largest card; each person turns over 2 cards and adds the two numbers largest or smallest sum wins; each person turns over 2 cards and multiplies them largest or smallest product wins

SALUTE – You need 3 players. Two players each take a card and put them face-front on their foreheads without looking at them. The 3rd player gives either the sum or the product of the two numbers. Then, children determine their card by looking at the card their partner has.

HERE'S A BLOG POST BY DONNA BOUCHER OF MATH COACH'S CORNER with a link to a resource of close to 70 cards games to play with your child. <http://tinyurl.com/yb48734m>

OTHER SUGGESTED ACTIVITIES & RESOURCES

BAKE WITH YOUR CHILD and have them measure the ingredients – what if the $\frac{1}{2}$ cup went missing? What would you do?

TAKE YOUR CHILD SHOPPING and have them estimate the cost of items, the weight of produce, or determine the best price per unit of various sizes of items.

COUNTING COLLECTIONS – take a collection of lots of items – how could you organize the objects to efficiently determine how many are there without having to count each one?

TOSHA WOODS SHARED HER PINTEREST BOARD OF WONDERFUL MATH PICTURE BOOKS that are terrific for families: <http://tinyurl.com/ycckzlv9>

Read [Table Talk Math](#) by John Stevens.

WEBSITES

Check out the website **BEDTIME MATH** at <http://tinyurl.com/ybchjkgs>. They have an entire section for families.

Check out **MATH BEFORE BED** at www.mathbeforebed.com for tons of ideas of question starters to use with your children.

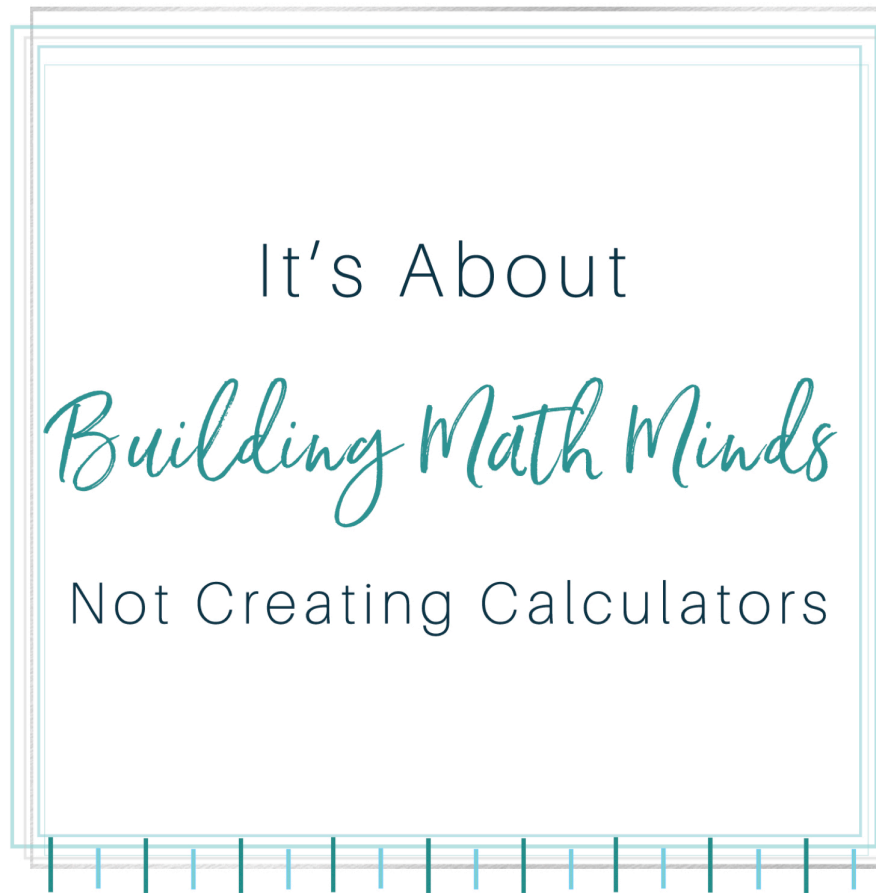
Check out the website **DREME DEVELOPMENT AND RESEARCH IN EARLY MATH EDUCATION** at <https://dreme.stanford.edu/> – articles for parents, too

“**TALKING MATH WITH YOUR KIDS**” is a website dedicated to parents helping their children develop their math thinking. www.talkingmathwithyourkids.com

YOUCUBED.ORG has an extensive collection of games for all ages: <http://tinyurl.com/y9zexj6p>

GREG TANG'S SITE has all his books available online for free as well as fantastic games: www.gregtangmath.com

HERE'S A CHART MADE FOR PARENTS ON THE MATH PRACTICES and some questions that we can ask our children. <http://tinyurl.com/ybwqjn2a>



Teaching math isn't easy and for a lot of teachers, it isn't fun...like AT ALL!! Especially in this era of education, there is a lot of unknowns about what and how we should be teaching. You are NOT alone. With the implementation of new standers, assessments, and (for some) new curriculum, teachers are feeling bogged down and yet left out on their own to make sense of it all. Build Math Minds is here to help with that.

The Build Math Minds site has professional development videos for elementary teachers on all topics of mathematics. You can earn PD credits from the comfort of your home, at times that are convenient for you. Inside the BMM site, we focus on building Content, Community, and Your Confidence.

Build Math Minds is designed to build your Content Knowledge, your Confidence in teaching math, and give you a Community of like-minded educators that understand what you are going through as you try to build math-thinkers, not calculators.