

Unplugged Math Games

Games are a wonderful way to practice mathematical thinking and have fun with the whole family.

Almost all board games involve math! If the game involves: counting, strategy, dice rolling, pattern spotting, logic, critical thinking – there is math in it! Pull any game out of your closet or design your own, and it could be a great unplugged family math activity.

Also, consider other unplugged activities that involve math: cooking/baking together, sorting through the junk drawer, figuring out the timing of a drive or your daily schedule, reasoning about prices and money – have these experiences with your child whenever possible.

Here are some other math learning games, if you're looking to add to your collection:

Early Learners / Fun for All Ages!



Ten Frames Towers The goal of the game is to see who can build the biggest tower of tens.

Math ideas: base-ten understanding, subitizing, developing number sense and flexibility



Shut the Box Players take turns rolling the dice to “cover up” the numbers on the board.

Math ideas: probability, chance, and basic math



Mancala is a two-player “count-and-capture” game that originated in Africa. It is easy to learn and yet extremely engaging for people of all ages.

Math Ideas: counting, addition, basic multiplication, reasoning, visualization, mental math and estimation

Kids 8+



In **Kingdomino**, you are a lord seeking new lands in which to expand your kingdom.

Math Ideas: multiplication, addition, and spatial reasoning



SET The award-winning game challenges players to race to find as many SETs as they can! A SET is three cards where each individual feature (color, shape, number and shading) is either all the same OR all different!

Math Ideas: patterns, spatial reasoning, logic



Muggins Add, subtract, multiply, and/or divide three six- or twelve-sided dice together in any combination. Select the answer that builds your marbles into a run OR blocks your opponent's run.

Math ideas: addition, subtraction, multiplication, and division

Middle and High School Students



Love Letter

This quick card game has limited rules: on your turn you draw a card and play a card. The goal is to get to the princess, but the deck is stacked with all kinds of other characters who can help and hinder you.

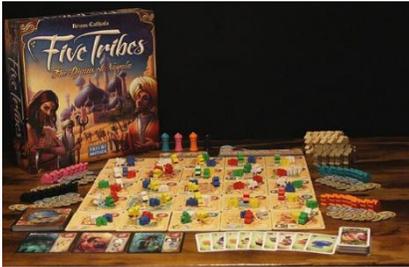
Math ideas: logic and deduction, memory



Escape from the Aliens in Outer Space

Not only is Escape From the Aliens in Outer Space a fun theme that kids will enjoy, it really tests their abilities to think logically. Depending on if they are a human or alien, the player must escape or prevent escape to win.

Math ideas: logic, pattern recognition, deduction.



Five Tribes

Five Tribes is an updated and expanded version of Mancala. Players move colored meeples (board game pieces) in a similar fashion to Mancala, picking up a group and dropping one meeple at a time as they move around the board, then performing an action on their final space

Math ideas: spatial reasoning, resource management, multi-step problem-solving.