



PLAY ROBLOX, LEARN MATH, HAVE A BLAST!

We've all watched the past few years and its impact on education with increasing dismay - that's why we've set out to take a new approach to learning, on a platform that ensures children will be catching up on their education, even outside of lesson time.

Gone are the early days of teaching online, when it was unclear that learning in front of a screen was actually effective.

With advances in technology in the online homeschooling world, home educators can easily obtain teaching resources from textbooks to online courses, or even educational games. But all too often these games just don't capture your child's attention, and there still isn't much in the way of quality Math resources available online - much less any free ones.

As a Math Tutor and Game Developer, I've often heard parents bemoan this lack of great math resources or games, but also the frustration with too much unproductive screen time on the likes of Roblox. So I thought why not solve both issues at once - and created the Roblox Math Camp! A course that has your child learning their Math while playing tutor-created Roblox Math games.



This Camp benefits your child in many ways:

1. Promotes neuroplasticity.

Since the early 1900s, rote memorization and repetitive exercises have had a bad reputation in the education community. But recent discoveries in the neurological sciences show that a certain amount of repetitive exercise promotes neuroplasticity, your brain's ability to learn and retain new information.[1] Truly understanding the 'why' is important but knowing how to perform various mathematical functions comfortably frees up the brain to grasp the 'why'. This is the foundation for the ability to apply those concepts to real world problems.

Regular practice and application are key. When you practise applying concepts, neural connections are strengthened. The more often you practise a physical action or intellectual concept, the easier it becomes.[2] Roblox Math Camps are a fun, safe, and engaging way to get that math practice done every day.

2. Incentivises practising Math problems by using video games.

For most kids, video games are more interesting than homework. No one is surprised by this. But have no fear, gamification is here.

Gamification is the application of video game principles such as earning points, competing with other players, and game theory applied to activities such as education and marketing.

Understandably, many parents and educators have considered gaming mostly from a negative perspective in the past. But what if that mental gratification could be used to promote learning? Combine the gamification of math with the neurological effect of video games, and you get a wildly effective learning tool.

3. Offers a safe and productive way for students to learn and interact with other homeschoolers while having fun.

Socialising and communicating online is officially a common part of our lives whether it's through social and entertainment platforms, gaming, education, doctor appointments, or work meetings.

Learning how to have meaningful, productive, and safe human interactions over the internet is something future generations will need to learn from a young age.[3] After all, learner safety is our top priority, and is at the heart of BrainySpinach Math and all we do.. See our FAQ section [\[click here\]](#) on Safeguarding, as well as our Safeguarding Policy [\[click here\]](#) for more details.



4. BrainySpinach Math helps kids struggling with math.

When a child is struggling with math, sometimes it can be overwhelming for them to catch up. "Math Anxiety" sets in, but the sooner you can help your child with this obstacle, the easier their academic careers will be.

Anxiety decreases your memory, further contributing to anxiousness triggered by math.[4] The use of math games outside of class time creates an opportunity for your student to mentally 'relax' and approach math with a clear and receptive mind.

Our Roblox Math Camp offers students the ability to learn at their own pace in a fun, more relaxed way. Videos and games teaching various concepts across grade levels can be used at a pace best for your child.

By creating an experience where your child can approach math with little or no anxiety, you provide the opportunity for them to see that they can approach math with a more effective mindset; they CAN do math! Sometimes we all just need to step, back, relax, and try again in a different way.



5. The use of math games provides educators with an opportunity for evaluation.

When children play games, they are often engrossed in the task at hand. Since the primary goal is to do well at the games, they are less likely to be extremely focused on the mechanics of the math problem at hand. This is the perfect time to observe the child and gather information about how he or she processes (or struggles with processing) mathematical information. Are they slow with subtraction? Do they switch important number order around? Do they always struggle with certain numbers?

Taking the time to find consistent patterns, good or bad, can enable the educator to efficiently tailor schoolwork to meet the child's academic needs.



6. Online math games, such as the ones at BrainySpinach Math, create outlets for different learning styles.

We all learn a little bit differently than the next person. Fortunately, educational video games like ours meet the needs of all learning styles. [5]

Visual Learners – Online games are a wealth of sensory information for the visual learner! The images experienced along with a mathematical concept help 'burn' the memory of any given concept into the student's mind.

Kinesthetic Learners – Physically clicking on the appropriate responses and actions helps the kinesthetic learner retain memories of key math concepts. Consider allowing these students to stand or move around as they play the game.

Auditory Learners – Hearing the online game sounds can create a more memorable sensory experience for the auditory learner than the lecturing voice of a teacher in a classroom. Plus, with a game or video, the child can easily go back and replay a game or instructions if they didn't grasp a concept the first time.



Combining all of this, taking part in the Roblox Math Camp will change the very way your child perceives Math. We will ensure they see Math not as something to dread, but as something to look forward to - all while offering an immersive environment for kids to explore and develop new skills, gain confidence, and have fun with friends!

[Book a Roblox Math Camp Today!](#)

We can't wait to show you what we have created.

References

- [1] <https://www.nicabm.com/brain-how-does-neuroplasticity-work/>
- [2] <https://www.studyinternational.com/news/memorisation-learning-foundation/#:~:text=Rote%20learning%20encourages%20the%20brain's,otherwise%20known%20as%20neural%20plasticity.&text=According%20to%20MedicineNet%2C%20neuroplasticity%20allows,environment%20by%20adjusting%20their%20activity.>
- [3] <https://www.celebree.com/blog/resources/the-pros-and-cons-of-technology-in-education/>
- [4] <https://www.sciencenewsforstudents.org/article/dont-let-math-stress-you-out>
- [5] https://www.researchgate.net/publication/228985288_Games_and_Learning_Styles

