



## How To Make Math More Like Video Games

by Raj Shah

**\$49.00**

(\$58.80 for 12 months access)

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**Subject:** Mathematics

**Start Date:** Immediate access

**Access:** 4 months

**Timing:** Self-paced with no set meeting time

**PD Hours:** 3 Professional Development Hours

**Credits:** 1 Graduate Level PD Credit Available

**Topics Covered:**

- Productive Struggle
- Engagement
- Curiosity
- Video Games

One tree will be planted per registration (partnership with One Tree Planted).

### About This Workshop

Why is it that kids love video games and are quickly engaged, willing to persevere, and excited to learn new strategies? How do we take that knowledge and apply it to math class so that students love learning and won't give up so easily?

That's what this mini workshop is all about. We'll begin by discussing why video games are so addicting and what we can learn from them. Then we'll explore how to apply those principles to make math class feel like a game. Next we'll talk about applying what we've learned including launching engaging math tasks and rapidly transforming boring exercises into exciting rich tasks. Finally, we'll talk about how to create tasks where kids don't want to give up and when these tasks should be used.

## About the Instructor



### Raj Shah

I'm on a mission to make math irresistible for all.

I have always had an affinity for math. Powered by my love of math, I earned a Ph.D. in Physics in 1999 which led to a decade in R&D at Intel. In 2008, I quit my job and founded Math Plus Academy, an after-school STEM enrichment program for kids from ages 5 – 14.

I'm also proud to be a founding member of [The Global Math Project](#), a non-profit that helps spread the joy of mathematics to classrooms around the world. In addition, I also help lead a Math Teacher Circle and host the Julia Robinson Math Festival in Columbus, Ohio.

Over the last several years, I have worked with numerous school districts throughout the country to help math teachers make school math irresistible. I've also had the privilege to present sessions on Productive Struggle, Curiosity and Surprise and more at numerous conferences including NCTM Annual, NCSM Annual, and the National Math Festival.

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