

# Elephant Learning

Report on Homeschool Mathematics



## Preschool Math Scores Predict Achievement Into High School

The latest research shows that math at early ages is even more important than previously thought.

Did you know that preschool math scores are a leading indicator for reading, English, social studies, and science in the 5th grade? In fact, **all subjects were positively affected by doing more math!**

1

### PLAY

Children play our activities. Our algorithms customize the curriculum.

2

### LEARN

Parent and child learn how to integrate into playtime outside the platform.

3

### SUCCEED

Our activities are scientifically proven to build fundamental math skills.



### Math Anxiety Epidemic

50% of Americans suffer from Math Anxiety!



### Math Trauma

Have you or your child suffered from a math trauma?



### Memorization Tactics

Memorization tactics fail to teach math concepts.

## Procedures vs Concepts

Typical math curriculums focus on procedures. The procedures are useless if children do not understand the concepts.

When learning math, many children take to memorization tactics. After all, they have homework to do and tests to pass. However, research shows that most children do not have the fundamental vocabulary to actually understand why the procedures work. **What is even more surprising, is that advanced math topics come up in every day play for toddlers.** Not only can they understand the concepts, they use them! So why is it that math is such a large problem? It is because adults do not use math in everyday language. For example, no one walks around saying things like “there are 4 cars.” When we do math, we typically do it in our head. As all parents of toddlers know, children learn vocabulary at early age by picking up the language people use around them. The solution to America’s math problem lies right there. The concepts we are talking about are not difficult to understand.



**“Elephant Learning creates playtime math experiences and allow language to be placed around those experiences.”**

As children begin to understand the jargon of math they experience less math anxiety, pay more attention to lesson plans, and have fun because they are challenged by math rather than frustrated by it!

Visit [ElephantLearning.com](http://ElephantLearning.com) for more information.

### HELP A FELLOW HOMESCHOOL FAMILY IN NEED

Low-income communities are impacted by dyscalculia at a rate that is alarming. In fact, research shows that children in low-income communities are **3 years behind their funded peers.** Imagine a first grader that does not understand how to count being forced to add! This fact directly contributes to a 48% High School dropout rate in these communities. That is why Elephant Learning is proud to offer a buy one give one program. When you purchase a subscription, we donate a subscription to the Homeschool Foundation. Help a fellow homeschool family in need today!

