

## Why math is the universal language

Most of us know that there are thousands of languages all across the globe. People in Mexico can't speak Japanese, typically. There is no universal language we can talk with one another for everyone to understand, however, there is a universal language we can all quantify and that is mathematics. Math is the only language that is shared by all civilizations regardless of culture, religion, or gender.  $2 + 2$  will always equal four, Pi is always approximately 3.14 no matter what country you are in.

There is no telling how many languages have been spoken throughout the history of civilization. Till this day archaeologists are still finding artifacts of lost civilizations from thousands of years ago. Each one of these groups of people have devised their own language and developed their own culture, but what makes every single one of these civilizations common? Well math of course, that's why you're reading this article.

In every culture we use the principals of math to help us with everyday life from business to politics and these principals never change no matter what part of the world you are in. The numbers and symbols will obviously change, but the mathematics principals will always remain the same.

With this universal language we have accomplished so much as a species, from understanding our molecular structure to baking cookies, we use the language of math every day. This shared language of numbers is what connects us as human beings, it's for all of us, not just mathematicians.

You might be telling yourself that I'm wrong, in the UK they use a different metric system than the US. That is true but the unit of measurement is just a system, it goes back to the principals of math, they always remain the same. If you need to measure the length of a wall, doesn't matter if it's 100 meters or 328 feet, the measurements are going to be equal.

The principles of probability are consistent everywhere in the world as well. The chance of rain in the rain forest might be higher in the desert but the probability of rain works the same way. We all have different genetics but the probability of you passing your genes to your child follow the same mathematical formulas as I do with my child.

It's easy for us to get caught up with how different we all are, we all like different things, different taste in clothes, food, people, It hard for us to see how we are all the same. The common language of math is a great reminder that we share commonality.