

## Chapter 12 Future of our Economy

Wow. What a world we live in!

The 21<sup>st</sup> Century Economy is evolving faster and faster each year.

Machine Learning, Robots, A.I., Electric Vehicles, Energy Independence  
On and On!

This means new jobs and careers are unfolding at record rates.

BUT, these new jobs and careers require new knowledge and skills.

What is the role of education in the new economy of the 21<sup>st</sup> Century?

My answer is to teach our students how to learn and to teach them the underlying knowledge required to learn these new skills for these new careers.

Literacy is still important as it has been for a long time in the old economy.

However, I believe that some Math will be equally important.

Matheracy may become just as important in the new economy as Literacy.

Math is the Universal Language

Service Jobs that need Workforce Math

Technical Jobs that need Workforce Math

Projects that need Workforce Math

Quantitative Reasoning Just Part of Workforce Math

Risk Assessment Critical to make good decisions

CO2 Controversial Subject See Dr. William Happer

Nuclear Power New world energy source?

Self Driving Vehicles Coming soon?

Cyberwar Who knows?

What about adults who are not educated adequately?

I asked Google how many high school drop outs in the USA there are.

What do you think the answer was? I was amazed!

“In the USA there is, on average, one student high school drop out every 26 seconds. That's about 7,000 per day and 1.2 Million Student Dropouts PER YEAR.”

What are the financial consequences for a high school drop out, do you think? Short term, Long term, Global?

What kind of a legal job can s/he get?

How much can s/he expect to earn?

What will be the effect on the Dropout's current family?

What will be the effect on the Dropout's future children, if any?

On the school?

On the Community?

On the State?

On the USA?

Now multiple this all by, 1,000,000.

Here is something to think about.

Many jobs today and in the future will be of a technical nature.

Hundreds of thousands of technical jobs will go unfilled according to “Ask Google”.

Learning any technology requires some Math understanding. Just visit [www.hanetraining.com](http://www.hanetraining.com) to see all of the many technical jobs we did training on that required at least some of the Math we cover in Workforce Math.

IF a student learns what I call Workforce Math, then the student can most likely join the Military and do quite well in some technical fields. I have seen that in my own extended family.

Or, the student can get into an Apprentice Program, or get an Entry Level Job with a company. This will then lead to a high paid job within a few years.

A worker with technical skills can earn a very good living. Naturally, the job evolves with technology, but the worker can easily keep up with the changes IF the worker has a good background and knows how to learn new things.

If a worker can learn Workforce Math, then the worker will be able to learn new technical things as life goes on.

Compare two students.

One learns Workforce Math and has a good well paid career.

The other is a High School Drop out.

Consider that 80% of prisoners are high school drop outs.

This DOES NOT tell us what percentage of high school drop outs are in prison. But, common sense tells us that the probability of going to prison for a high school drop out is much higher than for a high school graduate. You figure it out if you want to.

Percentage of high school graduates who go to prison is A%, and percentage of high school drop outs who go to prison. Is B%.

Bet you that B% is much higher than A%. What do you think?

But forget prison.

How do you think the material quality of life compares?

Then, how does this spill over into the emotional and spiritual quality of life.

What can be done about it?

Many High School Dropouts are actually quite capable and can still learn Workforce Math and then get into a good technical career path.

So, IF our Economy is going to reach its fullest potential we need to deal with the High School Dropout situation, and I believe it is possible with modern technologies now available.

We might need to institute a sort of Freedom Dividend like Andrew Yang has proposed to empower any adult to get onto a good upward path to success.

The readers of this book can perhaps help a High School Dropout get onto a good path by educating them about the things I have discussed in Chapters 11 and 12. What better good could anyone do? It's the Golden Rule on steroids!

Indeed, contact me and I will help you with this endeavor. Nothing is free in this life. However, we can arrange it so the beneficiary pays for it out of future earnings that will accrue from his or her new abilities. Win Win Win