

The background of the image is a dark blue world map. Overlaid on the map are white circuit board patterns. In the lower-left foreground, a hand is shown with its index finger pointing towards a target. The target consists of several concentric circles, with the innermost one being a dashed line. The text is positioned to the right of the hand and target.

PREPARE YOUR CHILD TO THRIVE IN THE 4TH INDUSTRIAL REVOLUTION

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We all talk about the progress that technology has made during the years. The world hasn't been the same as it used to be. Since the discovery of the wheel, we have been moving forward, leaps and bounds in every way of life. The advancements that the human race has made over the last few decades are ten folds greater than the ones we have made since our evolution.



As we see things around us change and get replaced with the aid of using more modern and higher technology each day. We talk about the word "revolution." What is a revolution? As a parent, the biggest worry people have is preparing their children to survive in this modern era.

The human race has gone through numerous revolutions. The first industrial revolution began in the early 1800s. The industrial revolution affected people around the globe and affected our future. Hence, humanity is moving towards the 4th revolution at an accelerating pace.

However, the corporates are not the only ones who have to prepare for it. This article will educate parents about the 4th Industrial revolution and the steps they can take to prepare their child for it. However, it is not only parents who need to look out for our future generation, but a huge part of the responsibility is for the education system to redirect the educational pathway.

What is the 4th industrial revolution?

The 4th industrial revolution is still relatively a new term for some people who are not completely familiar with its meaning. The 4th Industrial revolution is an amalgam of digital reality, a global networking system, machine learning, robot integrations, blockchain, and artificial intelligence. Nevertheless, these terms give the reader an idea about the nature and magnitude of the revolution we are standing on the brink of. To get a holistic concept of the revolution, we need to know more about the basic terms.

The 4th industrial revolution is the major shift in trends and way of life by integrating technology. We will incorporate computers in almost everything we use; robots and machines will surround us. Artificial intelligence plays a huge role in our daily life. However, the 4th revolution would make our lives dependent on modern tech inventions.

We already see massive innovations daily. Auto-driving cars and a computer that operates based on the human brain's thinking, things that were once considered dreams, are part of our lives nowadays. All of this sounds like a sci-fi movie, and it is not very different. Concepts that we have seen in Hollywood movies such as “Back to the Future” have already become true. Consequently, even if the 4th revolution predictions do not seem real or possible, they will be. For this reason, we suggest our readers educate themselves for the sake of their children.

So, in a nutshell, the 4th industrial revolution is characterized by the takeover of highly advanced technological devices in our lives. Let's see what you can do to prepare your child to face the future.

Things Parents and Schools Should Adopt

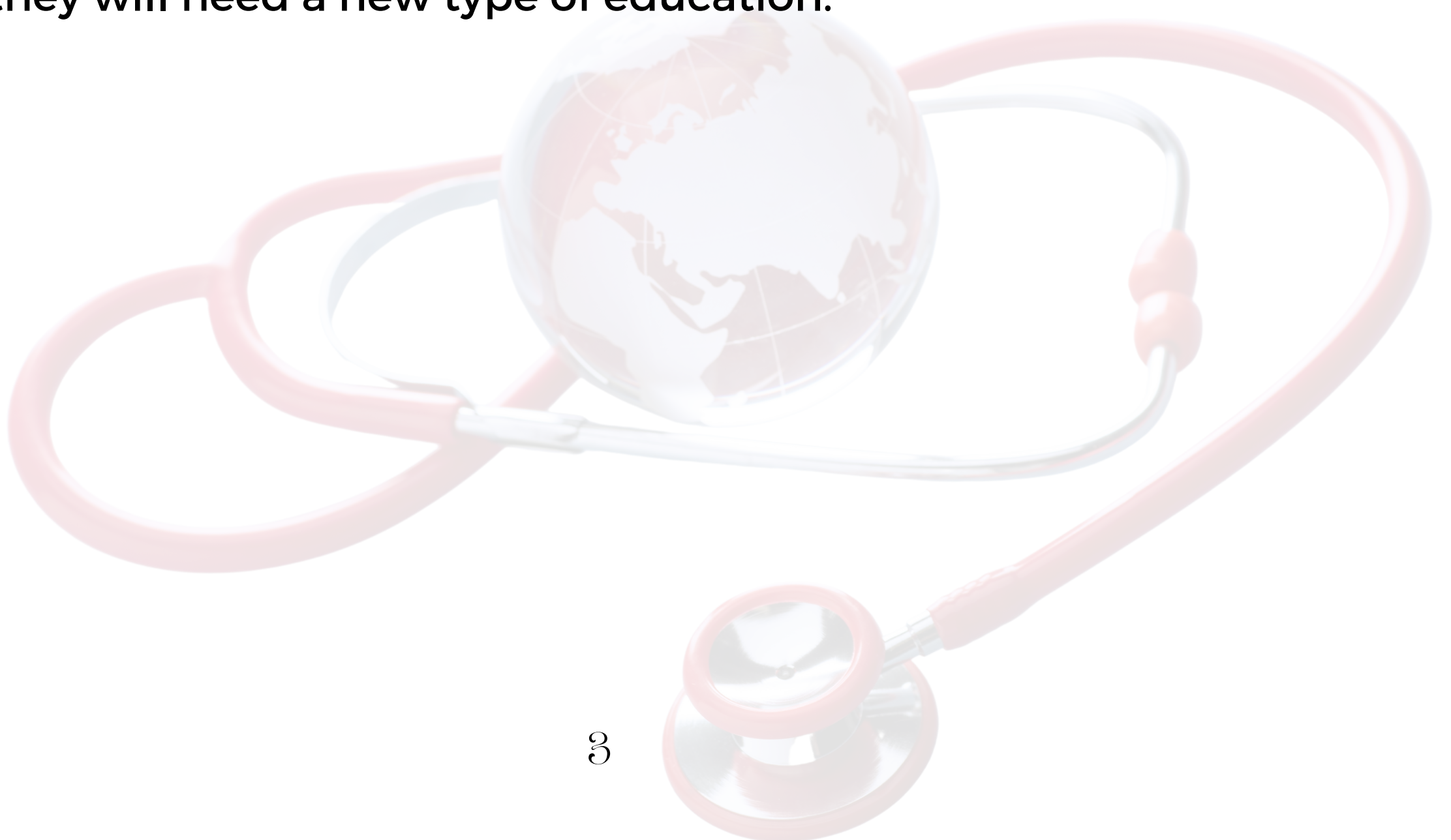
Ok, so the 4th industrial revolution is coming. The question arises that what can parents and educators do to educate and prepare our children. We have discussed some key points that might help parents better understand their responsibilities and options.

Next-Generation taking advantage of Technology

The next generation of humanity can take advantage of the upcoming 4th industrial revolution in numerous ways. We could even go out of our way and say that the lives of our next generation might be completely reliant on technology.

4th industrial revolution will make a lot of things easier and faster. People would be able to travel faster. We would see the use of smart devices in almost all parts of life. Medical science would be very advanced and accurate. Humans would make unthinkable advancements in the field of astronomy. Internet will look and function a lot more different in the upcoming ages. We might be able to visualize concepts like "teleportation."

Hence, we can say that the 4th industrial revolution would affect and benefit humanity in every way of life. For the next generation to thrive they will need a new type of education.



Purpose of Education

Things are changing, and at a rapid rate in this era. The first thing that we need to do is to redefine and construct a clearer purpose for education. We are still clinging to the same purpose and idea of education when it does not seem to work in this new age. The education system needs to find a better direction for education.

The redefining of education should be done by keeping the 4th industrial revolution and its consequences and effects in hindsight.

Currently, we find ourselves in a linear education system. The educators provide knowledge and skills to a child to become eligible for a task or a job. However, this is not what we need. We need an education system that would provide knowledge and form the mindsets of children to be able to learn, adapt, and master any skill in the new digital economy.

2. Improvements in STEM structure

STEM stands for "Science Tech Engineering Math." In our current system, STEM education is not a must. In the wake of the 4th industrial revolution, we have to provide STEM education across the board. We shouldn't consider the age or gender of students. STEM education will need to be a must have requirement. Technology is the future, and if we keep our system based on the current job opportunities, it'd be a catastrophe. With the daily development of automated systems the traditional jobs as we know it will be obsolete.

Tech and Internet are in themselves an entire different universe, with endless possibilities. Hence, a generation with the right STEM education can create opportunities for themselves.

3. Nourish human potential

The human brain is the most complex, intelligent, and highly functioning device in the universe. Nevertheless, machines are accurate. Machines don't need rest, and they work consistently and efficiently. Thus, humans have to beat their creation in the 4th industrial revolution to survive. Machines will take up all the working jobs. Hence, humans have to do something different, which is to create and evolve the technology. Humans have to unlock their potential and do things that machines can't do. We would have to be creative and use our feelings & emotions, collaborating with other humans will become key.

4. Evolve learning

To survive the 4th industrial revolution, children have to redefine learning. Learning is not just reading and memorizing knowledge. Learning is the way to learn and adopt new things. Learning means to stay creative and never settle on the knowledge that we have. Alvin Toffer believes “The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn.” Humans will have to keep learning to remain relevant in this new economy.

5. Personalized learning

Humans are different than machines because we are different from each other. In a population of more than 8 billion people, every human looks, thinks, and performs differently from each other. Hence, we should take benefit from our diversity. However, our current education system handles every child in the one size fits all approach. We have to evolve our education system and provide personalized education tailored to every student based on their abilities and interests.

6. Global mindset

In the 4th industrial revolution, educators around the world would have to work unanimously. The Internet has become a global marketplace, with the internet being used globally, there is no such thing as long distance. Education must be reconstructed with global goals in mind. For example, a certain job might be non-existent in one corner of the world, but we will be able to find tons of experts in a particular field jobless in another country. A global shift is happening with new emerging markets experiencing economic growth, grasping knowledge of how other nations do things, can create a global mindset which will help the student to balance and utilize their skills to their full potential.



The 4th industrial revolution would change the world forever as we know it. We are experiencing changes in our daily lives, and we have to prepare our children for the future. For this purpose, the education system needs to be looked into and needs revamping.