“Hello, everyone, I’m your AI robot teacher, called D12138.” Do you believe that will happen in the future? We have to admit that artificial intelligence is one of the most significant pieces of technology to emerge in the 21st Century. Many people say that artificial intelligence will replace a lot of works, including teachers. But can AI allow students to experience all the feelings of being people through learning at AI-based education, such as self-confidence, communication, questioning, sharing, creativity, imagination? AI is not human, and it can't give students a real feeling. So, I don’t think that AI-based education will replace traditional education.

AI-based education is a high-cost investment, and the cost it takes is higher than traditional education. If we want to develop AI-based education, then in order to bring more high-tech products to campus, schools will need to undergo major remodeling or reconstruction. In addition, artificial intelligence applications such as personalized learning, intelligent learning feedback, and robot education need to be continuously strengthened and improved. Of course, the cost will increase on AI-based education and is not for every child, every family can afford it.

There are some things that AI-based education can't teach students. An important aspect of learning in mankind is observing and imitating. Human beings learn best from emulating and practicing with other human beings. The teacher in the classroom is a human model, with skills and values that are uniquely human—and a student is simply not going to relate to AI with the same capacity. When a teacher can connect to a student by having “been there,” through heartfelt listening, or even not say anything, they can inspire their students to learn and create. Even AI with state-of-the-art face rendering technology can’t accurately put to practice all of these things. AI-based education can be combined with traditional education, which can provide students with more personalized learning methods. However, teaching is a complex mankind interaction that requires human skills, such as empathy, and these skills are very hard to learn by machine.

Traditional education methods still have an irreplaceable role compared to AI-based education. Regardless of how science and technology advance, human beings still need education. The task of education is to teach people. The role of teachers is not only to impart knowledge but also to teach students to behave and shape the quality of students through emotional input and ideological guidance. That is why AI-based education cannot completely replace traditional education.