

ARE EDUCATIONAL ROBOTS A GOOD THING?

As well as developing computational thinking, **educational robots** promote the development of cognitive skills among children and young people.

-  Developing new ways of communicating
-  Motivation for learning
-  Teamwork
-  Critical thinking
-  Self assessment of their own performance
-  Self-esteem
-  Pro-active spirit
-  Creativity and Imagination
-  Adopting to the future
-  Learning from mistakes

WHAT CONSEQUENCES IF EDUCATIONAL ROBOTS BECOME PART OF THE FABRIC OF OUR SOCIETY?

As from research, some robots like **cosmo** cannot hear, which means children cannot verify something nor can they ask questions. However, there are also robots who can hear but can only answer pre-programmed questions. Aside from job loss, consequences will be the interaction between the learner and the **teacher** which is a robot.

WHAT ARE THE TECHNICAL ADDFORDANCES OF EDUCATIONAL ROBOTS?

Educational robots are very pleasant for the kids eye, so while they learn something they can also enjoy and play with it. There are also some educational robots where children can make their innovation as they build the robot themselves like **Romo Wunderkind**. But the problem is that some educational robots are deaf and so all a kid could do is listen to it with no interaction at all. The robot cannot verify if the children actually learned what is being taught or not.

WILL EDUCATIONAL ROBOTS REPLACE TEACHERS IN THE FUTURE?

Robots may be able to play a role in the future of education as aides in the classroom, despite the **reluctance of many teachers to use them**. They may be able to help personalized curriculum and deal with some of the more mundane tasks of monitoring progress or drilling students on facts. Teachers may need to adapt to dealing with AI in the future, but they will likely never be replaced by them.

Robots may be better than human because they can have more than what humans can have in a memory, but still they are far different from human. Teachers being replaced by robots is only part of the possibility. But by far, teachers are better than robot because we all need to learn social skills that only human can teach.

Sources:

- [1] [https://www.iberdrola.com/innovation/educational-robots#:~:text=As well as developing computational,valueable lesson for the future.](https://www.iberdrola.com/innovation/educational-robots#:~:text=As%20well%20as%20developing%20computational,valueable%20lesson%20for%20the%20future.)
- [2] <https://www.educationdive.com/news/will-robots-replace-teachers-in-the-future/542239/>