

The TED talks that have to see every teacher

TED is a conference that is already more than twenty years, invites to the stage the talented and smart people willing to share their experiences.

This collection of videos from the TED conferences — a kind of first aid kit for teachers. All of us have creative crises, apathy, caused by the accumulated fatigue, bouts of doubt in their abilities. When not working, words of encouragement and approval from friends and loved ones, you need a dose of antidepressant from the outside, and it is better to do without alcohol and drugs. And you know what? Inspiring, devastating, critical, but full of faith in the best speech from my colleagues from around the world — a great tool in the fight against depression.

We purposely left the speech in English with Russian subtitles. Dubbing still takes away some of the charisma of the speaker.

Return love for teaching the craft

Ken Robinson: How schools kill creativity

It might be interesting:

Vygotsky: a very short introduction

The children in the school this year will retire the commercials in 2070. It is believed that the school is obliged to prepare his players for the future. There is a deep irony, because we can not predict the development of our world for the next five years. But giving students skills that meet our expectations for the future (not!), we have. Sir Ken Robinson believes that it makes no sense to guess about what will happen next, because children know it much better than us because of their ability to be creative. A brilliant and witty speech from the true Briton and international Advisor on the development of creative thinking.

We recommend you to read the wonderful book by Ken Robinson's "the Calling". We read, we want to live and work.

Geoffrey Canada: Our failing schools

Geoffrey Canada 56 years ago, studied at the frankly bad school poor area of new York, which [need help with my essay](#) has always been a large percentage of underachieving students. The half century passed and the situation remained the same. The educational approach is not a wine that gets better. So why, in schools that, in practice, year after year, feel that their approach does not work, continue from year to year to follow the same road? Who invented these school programs, which don't care about the end result? Jeffrey, honorary doctor of science at three universities and Creator of the charity's centre in Harlem, says impulsive speech about the problems of modern schools.

Dan Meyer: We do not teach math

Dan Meyer, an American maths teacher in high school, and he believes that mathematics is now the school taught worse. If you give now to each of you graduation algebra test, almost a quarter of you will take him at least three. And it is the fault of the whole system of teaching. We inculcate to the students dislike of challenging tasks; teach them to apply ready-made formulas and solutions; prefer speed and not thoughtful reasoning. This is a problem because the students who we teach now, 40 years from now will be running the country.

In the article "It's time to think mathematically" Keith Devlin also criticizes the existing paradigm of mathematics education.

Rita Pierson: Children will learn nothing from those who are not like them

"I don't pay for something that I loved children. I pay for something that I was teaching. I teach, they learn. That's enough" — once said Rita Pearson, one of her colleagues. What Rita said, "They're nothing you can't learn, and your work will always be hard and painful". So. A real teacher is teaching not only their subject discipline, but also the ability to build relationships, find relationships, and most importantly — believing in yourself. Rita worked in challenging classes with low achievers and tells how to help to love school to those children whose lives too early teaches them to be adults.

Return belief in the future of the school

Daphne Koller: What we're learning from online education

Daphne — the daughter of two professors, a representative of the lucky few who was lucky enough to be born into a family who value a quality education and having a desire and opportunity to instill in their children the same love of science. Largely thanks to the parents Daphne got a degree, became a computer science Professor and one of the leading researchers of artificial intelligence. However, not everyone in this world as lucky as her. Therefore, Daphne was the co-founder of Coursera, and this is why she believes online learning is an open window to knowledge for every human being on Earth.

Salman Khan: let's Change the approach to education with the help of online lessons

Salman Khan — founder of the largest resource of online education Khan Academy lessons daily by over a million students. Khan tells why many video tutorials are much dearer to the heart than traditional lessons "face to face", and how cool that in the video the teacher did not have to ask his

disciples the sacramental question: "Well, we all clear?". Candid story of how it all began, and as teachers began to use video tutorials Khan Academy in my classroom

Peter Norvig: When in a class of 100,000 students

Our technologies are modern and technologies of teaching are still the same as in the XVIII century. All the same books, notebooks, a teacher in the front row and the sleeping student in the back row. This is evidenced by Peter Norvig, a leading American scientist in the field of computers and the idol of many programmers. In 2011, he held an interactive course on artificial intelligence at Stanford University, who visited online about 100 thousand people. Peter explains why it is impossible to apply the standard approaches of teaching to an audience of this magnitude.

Return faith to children

Alison Gopnik: Babies and young children are the research Institute of humanity

It might be interesting:

"Zagorsk experiment" and the basis of human thinking

Alison Gopnik — Professor of psychology and philosophy at the University of California. She says that children from the very young age are learning what we even imagine could not. For example, the idea of empathy. The period of childhood is the only period of life in which he feels secure; any new knowledge absorbed by the brain in a relaxed state and not under stress (which affects just adults); it's one of the reasons why childhood is a key period for learning about the world.

In the article "can we learn in times of stress," explained a little about why it is difficult to remember anything when you're being chased by saber-toothed tiger or when trying to fill the annual report.

Shane Koyczan: What's it like to be a kid and be different

Remember, what was it like to 8-10-14 years. Remember the school cafeteria, crush, the laughter of peers over an embarrassing fat-a fifth-grader, the questions from parents is "how was it? Is everything okay?" and his disingenuous answers. Remember your childhood, which is not always painted in bright colors. You asked what you want to be, then to say that you made a bad choice. You are required to decide the future, but he did it for you. You a grown man now; and still, meeting the child of an outsider, you look down. Just as when, twenty years ago, in the dining room. A poignant backstory and poems multimedia poet Shane Koyczan accompanied by beautiful music and animation.

In the last video you just had to cry. If not — immediately run to the doctor for pills.