

Re: education

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Will Twentyman <wtwentyman@read.my.sig> wrote in message news:<4151dd37_2@newsfeed.slurp.net>...
> *What level are you talking about? Some of your comments may apply well*
> *to a grad student, but very poorly to a high school student.*

My comments apply to some grade in elementary school and above including high school, college, and graduate school. Teachers in the majority are not qualified to teach math and/or the sciences, and I mean the vast majority. Like you say below, you can't be an expert in all areas of math, but the teacher is certainly not an expert in all areas, but they teach math at the lower grades and even college without an expert qualification. I think that math is given 60 minutes a day in elementary school, and I know in high school I had only one math class in any one semester. Students in the majority are going to come to college with deficiencies in math in all areas because of this. The solution is to remove the traditional teacher and have online materials and books. Students can be lectured at if they feel the need by experts in the field they are studying from the earliest age, and be lectured at through videos. I wouldn't put it past having an online mentor who can assist students who have questions, and I'm sure there would be people who would want to help the students, especially elderly people who have retired from their research careers. If the students are in a school building then they can ask each other as well. This system also would remove tests and grades in the traditional sense. A student could test himself relevant to a given test to see how he is progressing. At some point in the lower grades, you will find students who for some reason or another have advanced beyond his peers, and they will probably be geographically isolated from each other. The solution is not to ship them from their family but to connect them to the internet. Similarly there will be students who will be behind his peers, and they can query people at their level or above. Remember, teachers are not qualified to teach math in the majority. Trying to get all the teachers qualified is not going to work. Number one there will be a refractory time between they are qualified and the students who need a productive setting. Secondly, having full time teachers is a waste of efficiency. You take the teachers who are the best or who are rated best online, and they will probably be the ones the students select when they go about learning a subject. Secondly, having full time

teachers is a waste for the teacher. Instead of being able to research, his or her time is spent on students. I claim that without sufficient time to research, that teachers skills will gradually degrade over time and there will be a tendency towards "standardized" teaching and rote learning, because the teacher needs to actively work on his own math skills to retain what he has already learned.

What will happen is that a student will be able to read from a rated book or instruction material so that he can be pretty sure that the direction that he is going has been approved by those before him. As it stands now, people have to jaw with each other or ask questions on the internet to see what book somebody should read to gain knowledge in a field. There will be a tendency to catalogue information and data to assist the person in the field, so that one can be sure that no matter where they are, they can have access to what is judged the best material available. There is an imbalance of knowledge in the world today, and there is an imbalance of people who are skilled enough to lecture at or assist a student. When it's done on computer and it's stamped with the seal of approval of people, then somebody can have greater confidence that they are being dealt the best hand. Somebody can still read and search material that is not rated or is even rated bad by someone. Anyway, this could use some brushing up and is only a general draft. Hope this answers your questions.