

Policy Article

New Frontiers of Science Edification: Growing Commitments

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Summary

The objective of this policy article was to describe innovative frontiers of science education for quality economy and life in the new rising era. Science and technology education in the postmodern time will not be counted on merely on the basis of practical or purely hypothetical realizations and achievements. The capability to preserve embryonic tendencies in science and technology education will rely on generating the type of scientists and researchers who can capacitate education and creation of more and not less qualified than own.

Keywords: Frontier; Science; Education; Commitment

Innovations and Elaborations

Such new generations of science and technology educators and mentors are not simply characterized by teaching and research proficiencies [1,2]. They are the final frontiers whose exclusivities are embraced with merits in growth and education of science mentorship concepts. Mentorship is an art whereas schooling is a limited occupation. Schooling is transferring knowledge to learners whereas mentorship is constructing, capturing and exchanging insights in science and technology. Schooling teaches learning and education of self, but mentorship creates capacities to train and mentor minds and bodies of else [3,4].

From a global perspective, schooling develops learners that finally graduate whereas mentorship generates pragmatic influencers that move on forever in learning path until after even they bodily die. Schooling requires giving back the teacher only the materials that were educated whereas

mentorship directs minds to create innovative philosophies. Schooling is almost a one-way correspondence, but mentorship is a medium for idea and perspective exchange. Schooling does not tolerate mentees to question teachers and the way they think and teach, whereas mentorship truly welcomes pragmatic learners to challenge mentors' thoughts [5-7].

Questions and challenges are the means whereby learners can experience science communication with others and observe critical education of others. Schooling is restricted to habitual times whereas mentorship defines a circadian life-time commitment [8].

Schoolers are employees whereas mentors serve as employers. Schools employ teachers whereas mentors employ science and technology. Schooling encourages learning whereas mentorship creates mentors capable of building ever-evolving education roads. Schoolers tutor science whereas

mentors generate innovative science producers. Schooling is an already-known task whereas mentorship is a commitment. The most important results of schooling are science discoveries whereas among the utmost consequences of mentorship are brilliant minds and philosophies that are created within mentors' contemplations towards creating the scientists that fuel ongoing discoveries.

Schooling may expand the existing knowledge somewhat whereas mentorship does develop scientists who collectively make considerable progress in innovation of new insights. Knowledge is the end but insight is just the inauguration to commence and create novel authorities of contemplation. In a nutshell, schooling is an instant line whereas mentorship is a well-shaped thorough concept of pragmatism that resembles an encircle surrounding a central negligible tip of discovery. However, the adjacent surrounding area encompasses the morality in creating frontier mentors of science education. Certainly, schooling causes knowledge accumulation that gives nothing to the literature but the complexity, whereas mentorship integrates science into safe and quality life.

Implication

Schooling complicates science whereas mentorship simplifies understanding of life. Accountable mentorship instead of irresponsible schooling will persist to serve as an ultimate frontier for today's science education towards quality education and life. Such a pragmatic mentorship will immensely help generate global moral figures and concepts out of scientific discoveries. These perceptions are a beginning to global cooperations in establishing reciprocal understanding and sturdy peace and prosperity.

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References

1. Nikkhah A. Science of the new times: A circle not a line. *Adv Crop Sci Tech*. 2014, 2: e111.
2. Nikkhah, A. Structuring science education in the new millennium: Authorizing a succeeding integrity. In *Progress in Education*. Nova Publishers Inc. 2011, 28: 171-176.
3. Nikkhah A. Science education of the new millennium: mentorship arts for creative lives. *Creative Education*, 2011, 2(4): 341-345.
4. Nikkhah A. The art of science education. In *Progress in Education*. Nova Publishers Inc. 2011, 28: 159-164.
5. Weinberg S. Nobelist Steven Weinberg Calls for Bigger Science, More Taxes. By Karen A. Frenkel. *Science NOW*. 2011.
6. Nikkhah A. Postmodern science edification philosophy. *Open Journal of Philosophy*. 2011, 1(1): 37-38.
7. Nikkhah A. Postmodern governments and science education. *Journal of Public Administration and Governance*. 2011, 1(1): 71-74.
8. Nikkhah A. Global Science Education: Bioprocessing and Brainfueling of Innovation. *J Bioproc. Biotechniq*. 2015, 5: e122.