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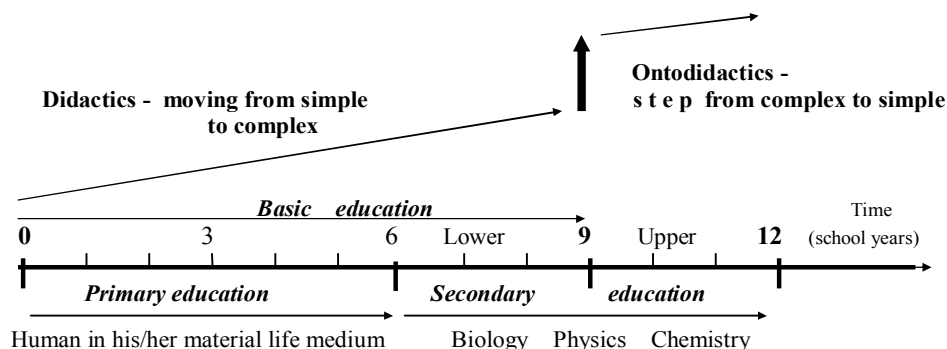
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Systemology and ontodidactics for the development of modern general education

Dear colleagues! Due to serious global and local changes in our modern economical and political life *ontodidactics* has established itself as the theory of qualitative changes in modern education. Traditional didactics, following principle of moving from simple to complex, today must be supplemented with ontodidactics, following the principle of transition from complex to simple. It means the step to higher level of generalization when starting new stage of education (like upper secondary after lower secondary education) or starting development of qualitatively new structure of educational content to respond demands from our qualitatively changing lifestyle.

Didactics and ontodidactics in general education



There are three main groups of tasks in the field of ontodidactics today: 1) elimination of too much professional details in general education and widening contacts between all fundamental branches of our life experience; 2) innovation and structural optimization of the educational content and 3) further development of educational methods and its material basis with respect to the rapidly changing modern life and education.

It is highly effective to follow general principles of systemology, when developing ontodidactics as well as didactics of modern education. Systems approach or systems theory when used in education (systemology of education) leads to better understanding of problems and show rational way of solving them by developing corresponding hierarchical structures to be further realized in real practice. Our weakness in systemic scientific thinking makes background for basic difficulties when developing ontodidactical projects.

Dear readers! Do you have your own ideas and experience for improving quality of modern natural science and technologies education? You are welcome to publish your findings in our journal and give your contribution in successful development of modern natural science and technologies education.

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