

STEM teachers' competence development in Bulgaria

Key messages to be discussed at the Bulgarian multiplier event

The background

During the last decades, Bulgaria was faced with the need of dramatic changes in educational system and regulatory framework. The reform has started in 2010 and since 2016 it is in the effective use. The educational reform defines new profile of the teacher as a main actor in the educational process. The change of the in-service teachers' knowledge, skills and attitudes, as well as professional life habits and behavior in parallel with accepting of new understanding of teachers' responsibilities is a big challenge not only for teachers themselves but also for supporting institutions – Ministry of Education and Science, Regional Management Centers of Education, teacher training institutions and schools.

At macro level: Opportunities and challenges in building teacher competences by the teacher trainings

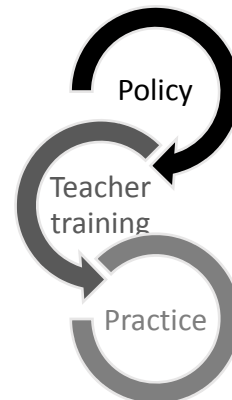
- Policymakers at national, regional and local level need to organize work together with traditional training providers (holding the methodology knowledge) and new one (holding concrete practical approach).
- Policymakers and all levels to create conditions IBL approach to be embraced by new teacher trainings providers (business, publishing houses, etc.) and teaching materials?

At meso level: Opportunities and challenges in schools management of strategy, curricula and teaching approaches

- School authorities to manage autonomy and freedom for decisions, and respectively – more responsibilities, so to use it to develop environment and space for application of the IBL

At micro level: Teacher competence are needed to design IBL activities in the class. Teachers needs a support for IBL day-to-day application. Content should be provided to spread widely the approach.

- Teachers need to build competences to design the education in IBL manner, to develop IBL scenarios and introduce them into day-to-day practice.
- Teachers needs support to design IBL activities.
- Content providers to respond to the new requirements of schools and teachers with new curricula and updated learning content interweaving the approach into it, and to be flexible for permanently changing requirements.



Prominent issues for consideration on STEM teachers' competence development in Bulgaria

Main theme for the Bulgarian multiplier event

Focus on the STEM teachers' training curricula and methods – the role of different stakeholders in teachers' competence development and the role of teachers' competences for the development of new generation of Bulgarian youth.

Structure of the Bulgarian multiplier event

