Exploration and explanation of the rationale of project-based curriculum

M. Yousefi, A.R. Assareh, A. Hoseinikhah

Abstract
The goal of this article is about explain and analysis of project based curriculum. This study has considered rationale of project based learning in different aspects. In attention to the main goal of research and also rational of curriculum that is defined based on its basics, principles, and messages, so the fivefold questions of research include how defined the philosophical, psychological, and social basics of project based learning and the same time it considered its message and principles. In order to reach to analyze and explain of above aim applied research syntheses in which selected, contextualized, and categorized researches related to project based learning with a regular method. In the next step selected 101 researches which had objective criteria, then based on syntheses principles, rethinking, data rearrangement presented combination of their findings. Researcher with the help of research and with identifying of philosophical, psychological, and social basics of project based learning and drawing of message and principles of this kind of learning tried to analysis and explain rationale of project based curriculum.

Conclusions
Results of finding indicate that logic of project-based curriculum is based on constructivism philosophy and it emphasizes on necessity of learning during nature life and it can provide the care of multi-cultural and variety of personal differences. It is useful for students with special talents and even for those who have some inabilities and also it helps to the educational justice. This curriculum focuses on students’ social interactions and prepares them for participation and acting in real life.

But each curriculum can perform its prophecy whenever it has been described some principles for tracing the way. Based on this reason, the most important principles of project-based curriculum is the kind of designing in that:

- Always should try to provide context for solve the problems that related to real world and to shape condition based on students' selection.
- Should shape the meaningful content and based on students' culture.
- Students shouldn’t able to solve that specific problem based on their background knowledge but also they should do the first hand research enterprises to reach the solution of the problem.
- He / She should share his/her research products with others and do the evaluation during the research process.
- Learner should be able to use his/her research findings in new situations.
- Should obey all of these rules. Furthermore, should pay attention that all of these items should be according to standards of the curriculum and the school.