



## FLIPPING THE DRAWBACKS OF FLIPPED CLASSROOM: EFFECTIVE TOOLS AND RECCOMENDATIONS

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### Abstract

Although flipped classroom is a new pedagogical model, it has emerged frequently in recent years. In this model, low level skill 'knowledge acquisition' is allocated to the students. Such activities that require high-level skills as application and problem solving are carried out under the guidance of teacher. When the relevant literature reviewed, many studies examining the definition, advantages and disadvantages of this model, experimental studies and model applications have been found. However, such resources compiling and introducing tools can be used to make the flipped classroom model effective and overcome disadvantages.

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The present study provides information about the tools which can be used in any stage of the flipped classroom model and introduce these tools in detail with the aim of filling the deficiencies. Moreover the selected instruments are evaluated in terms of their compatibility with mobile technologies. Literature review method was used in the study. In this context, particularly disadvantages of the model have been identified in the literature area and it addressed the means to overcome these limitations. Also, content analysis data that were compiled between the years 2010-2015 was carried out in the framework of flipped classroom models are also used in this study. This aspect of the research is like a guide that enables flipped classroom enhanced by mobile technologies which are necessary for learning in times of need, time and place independent. Through offered mobile learning-oriented information, learner's needs will be met. In this context, tools for eliminating the disadvantages of this model discussed in the relevant literature are selected in particular. It is expected that this study takes a guide role for the educators who want to apply flipped classroom model.

**Keywords:** Flipped Classroom, Learning tools, Web-based tools, Mobile technologies.