

Flipped Classroom-An Innovative Approach

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Abstract

Flipped class room is a new innovative teaching learning method where strategy of teaching is reversed .It involves the use of technology. Here content is provided to students in form videos, power point, e-text before teaching and assignment are performed in class with the help of teachers and peers in collaborative manner. It is a blended form of learning which and is a leaner centered approach .So in the present era of technology the need of hour is to transform traditional method of learning to flipped class room teaching and learning. The paper discusses the concept and historical background of flipped class room. It also discusses models, technological tools required and advantages of flipped classroom, challenges posed by flipped classroom and methods of implementing flipped classroom technology.

Keywords: Flipped classroom, Models, Tools.

Introduction

Flipped Classroom is a method of teaching which is learner centered and beneficial for teachers and students. As the name suggests the teaching strategy is reversed here. Instead of providing the content related to topic in class the content is given to students in form of videos, power points or e-text and assignments are provided in class which are performed in with the help of teachers, peers and in collaborative manner. Flipped classroom are implemented with the help of technological tools which includes software tools and internet. Here classroom time is managed fruitfully for enhancing the learning skills of student. Teacher can give more time to individual students to address their problems. More time can

be given to explore the concepts and their practical applications. Flipped classroom is a concept which is beneficial for education system globally.

Concept of Flipped Classroom

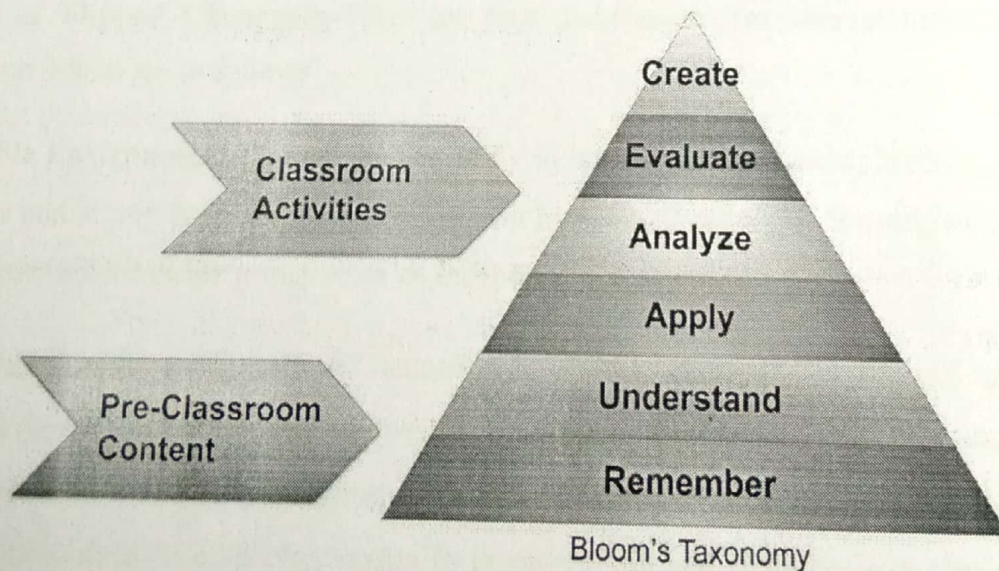
As the word flipping means reversing or inverting so the flipped classroom means reversing or inverting the traditional classroom activities. As we all are aware that teacher teaches new concepts in class, students take notes and then assignments are given as homework. Here in flipped class room the concept is totally reversed. The students here are introduced to learning the concepts at home or outside the class before the class and the class time is utilized for assignment or problem solving with the help of instructors or peers through discussions and problem solving activities.

So flipped class room concept involves the concept-

- Teaching at Home
- Working at School

In flipped classroom the role of instructor is to guide the students to enhance their thinking at application level. The main motto of flipped class room is to make learning student centered.

Framing Flipped Classroom model using Bloom's Revised Taxonomy



According to Bloom's revised taxonomy, 2001 students undergo the lower level of cognitive task like acquisition of knowledge and comprehension outside the class and higher form of cognitive task like application, analysis, synthesis, and/or evaluation in the class with the help