

The Study of Effectiveness of Seven-Step (7E) Teaching Method in the Progress of English Learning

Charu Singh and Saloni Shah

Nirmala Memorial Foundation College of Education, Mumbai, Maharashtra, India

Abstract: 7E approach encourages the critical thinking skills. The 7E Learning cycle is a teaching methodology that motivates the learners in generating both declarative and structured knowledge. The learning cycle model (7E) as a pedagogical approach is based on constructivism where the learners construct their own knowledge. Constructivism is a broader pedagogical approach used in education. It brings about paradigm shift from teaching to learning, focuses on knowledge construction rather than knowledge reproduction. Constructivism is one of the best way to use learner centered pedagogical approach in the classroom situation is by using learning cycles (7E) which involve series of planned strategies used by the instructor during the teaching learning process

Keywords: 7E approach, student - centered approach. Differentiated instruction, Constructivist approach.

I. INTRODUCTION

Learning Cycle 7E model is a learner-centered model. This model consists of stages of activities organized in such a way that students can master the competencies that must be achieved in learning by playing an active role. The 7E's constructivist model is an expansion of 5E's model in a constructivist approach to teaching that makes for a robust instructional approach. 7E model or learning cycle consists of seven stages: elicit, engage, explore, explain, elaborate, evaluate, and extend. It allows teachers to present lessons that incorporate activities into their curriculum in a cycle that promotes a student-centered classroom. Thus, 7E learning cycle model is a series of seven planned and interconnected phases in which the learner goes through various scientific investigations by exploring teaching material, build the concept after arriving at a certain conclusion and finally apply the concept or a principle in a novice situation. 7E learning cycle model is a useful recommended instructional approach in Commerce curriculum and in today's Commerce curriculum scenario the instructors or the teachers should be encouraged to incorporate this model into their teaching-learning activities.

1.1 Objectives of the Study

- To investigate the effectiveness of learning English based on the cyclic model (7E)
- To investigate the effect of the material on the fourth grade primary school students' comprehension skills about fraction concept.

1.2 Operational Definition of terms

- Effectiveness :- For present study, effectiveness is defined as good achievement scores in the test.
- 7E Approach :- For present research, here the 7E Approach or learning cycle consists of seven stages: elicit, engage, explore, explain, elaborate, evaluate, and extend.
- Teaching of commerce :- For present study, Secretarial practice is taken as a commerce subject.
- Higher Secondary School :- For better understanding, Class eleven is considered as higher secondary school education.

II. RESEARCH METHODOLOGY

The method adopted by the researcher includes studying 7E's, preparing regular and 7E lesson creating unit test paper with the help of a blueprint, delivering both the lessons, conducting unit test based on both lessons and recording the scores.

III. ANALYSIS OF DATA

The comparison of scores of regular lesson and 7E lesson. Post-test only matches control group design and factorial design was employed in the present study. Groups were obtained through paired matching on the basis of achievement level in the subject of Secretarial Practice of Class 11

Determine the low and high achievers on the basis of mean score of marks obtained in above subject. Nine pairs of equal pre-achievement were selected and assigned randomly to the experimental and the control groups.

IV. CONCLUSION

Based on the implication of the study, there was a 23.34% increase in the Post-test score performance of the experimental group which indicates the efficiency and effectiveness of the 7E Teaching Model in enabling the students to gain experimental skills as a whole

In the light of finding and literature, it can be argued that 7E Approach has a positive influence over the normal approach on the experimental group

Thus, Constructivist teaching (7E Approach) is an effective way to teach.

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