

Role of innovative teachings on learning of school scholars

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Abstract

This research is primarily focused on the effect of teaching innovation on learning of school students. Present study examines the relationship between innovation and learning and asserts a positive relationship. The findings show that both variables: student learning and teaching innovation contribute positively to academic performance. The constant renewal of teaching methods, continued presence of student's learning. The effective development of student learning constructs the foundation for effectiveness between teaching and learning in schools.

Keywords: primary education, innovation, learning methods

Introduction

In present changing society, innovation has become a necessary capability. In the new education era basic capabilities such as innovation, problem solving, critical thinking and the ability to apply information technology are all important for students. Developing talents has become an important goal of educational reform for all countries in the world. To enable students to be creative, teaching must be innovative and creative so as to improve the learner's capability. School teaching must adjust to the need of social development, replacing teaching modes that are too rigid with modern means of teaching, interactive teaching methods and customised teaching content to develop the learner's innovative spirit and capabilities, so that they are able to think independently when faced with problems and make judgments to solve them.

Teaching innovation tends to mean applying new teaching concepts, methods, or tools. Teachers can also apply the characteristics of moral virtue and positive traits that they have experienced, to create a subtle effect on the students, thus establishing good moral character and a positive outlook on life. Teaching innovation occurs when teachers use multi-faceted and lively teaching methods, and diversified and rich content to stimulate student's inner interest in learning, thus, developing positive student attitude toward proactive learning and enhancing students learning ability.

Learning occurs in the interaction between the learner and the learning environment; when the appropriate strategies and skills are applied to technology use, making it a favourable tool for teaching, then better teaching effectiveness can be developed. Effective learning means the changes in knowledge, skills and attitude of the learners after the completion of teaching. Learning effectiveness is affected by learning styles, course design, teaching and other factors. As far as the evaluation of learning effectiveness is concerned,

whether the learning effectiveness is good can be determined from student's school grades and performance in various external examinations.

Innovative teaching concepts are the prerequisites for teaching. This requires educators to renew their concepts, and create new models to meet the requirements. The teaching content continues to change according to the changes in modern developments. Educators need to continue to enrich and to enhance their teaching ability, so that they can constantly adapt to the requirements raised by changing educational developments, thereby satisfying the needs of the students. A teacher has the professional ethics to be responsible for the sources and results of the teaching quality. The internal driving force of innovation in teaching includes more efforts and energy given to the class, and more consideration of the problems. In the teaching process, teachers carefully study and fully explore the rich content of teaching materials highlighting the characteristics of teaching. They need to cultivate the learners' ability to apply consciously learned theories to solve problems, improve teaching methods, enhance teaching capacity and elevate teaching standards. To increase student interest and enhance learning effectiveness, the teaching methods must be innovative to broaden the student's thinking space as much as possible. This should merge knowledge, liveliness, fun and practicality into one.

Innovation may apply through project work, live assignments, field work, educational games, group discussion, multimedia presentation, on line education. These tools explain concepts more easily. In modern education system, school administration is focusing innovation and promoting innovative teachers. Students take more interest in new teaching methods as these are interesting, attracting. School education is the foundation of learning that's why at school level innovation is important.

Methodology

Survey and observation methods are used for present research. 150 Students of 3 schools are selected for study. These are categorized as class 6-8, class 9-10 and class 11-12. Use of 3D teaching models, games, multimedia presentation, online education methods are opted as innovation tool. Influence of these innovative methods are observed and tested to find learning. Data is presented in table and calculated to get result.

Finding and Analysis

Table 1: Impact of 3D Teaching Models on Student Learning

Subjects	No. of Student Learnt (%)		
	Students of Class 6-8	Students of Class 9-10	Students of Class 11-12
Science	83	85	86
Mathematics	77	78	78
Art	86	85	87
Social Study	84	86	87

Table 2: Impact of Teaching through Games on Student Learning

Subjects	No. of Students Learnt (%)		
	Students of Class 6-8	Students of Class 9-10	Students of Class 11-12
Science	76	73	71
Mathematics	71	70	68
Social Study	78	76	75

Table 3: Impact of Teaching through Multimedia Presentation on Student Learning

Subjects	No. of Students Learnt (%)		
	Students of Class 6-8	Students of Class 9-10	Students of Class 11-12
Science	73	75	78
Mathematics	70	73	74
Art	81	83	86
Social Study	77	80	81
Language	78	80	82

Table 4: Impact of Online Classes on Student Learning

Subjects	No. of Students Learnt (%)		
	Students of Class 6-8	Students of Class 9-10	Students of Class 11-12
Science	72	77	81
Mathematics	68	72	74
Art	78	81	85
Social Study	74	79	83
Language	71	74	75

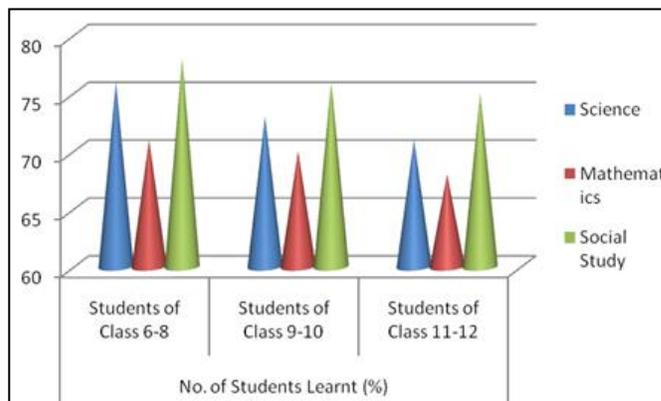


Fig 2: Impact of Teaching through Games on Student Learning

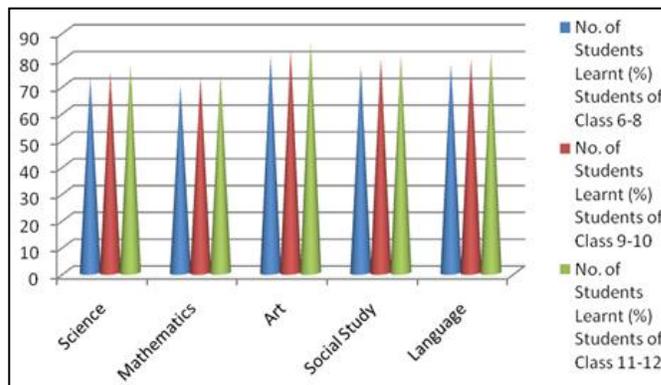


Fig 3: Impact of Teaching through Multimedia Presentation on Student Learning

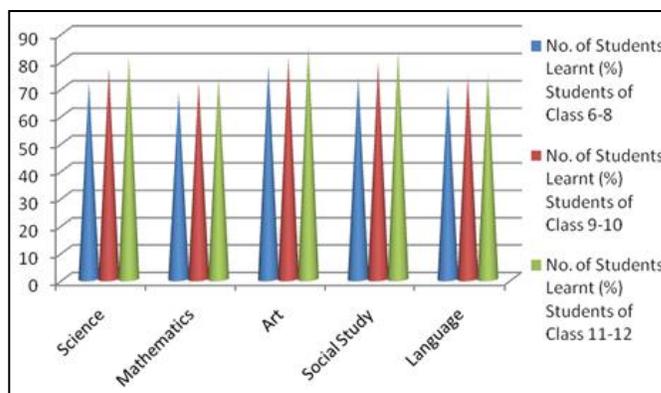


Fig 4: Impact of Online Classes on Student Learning

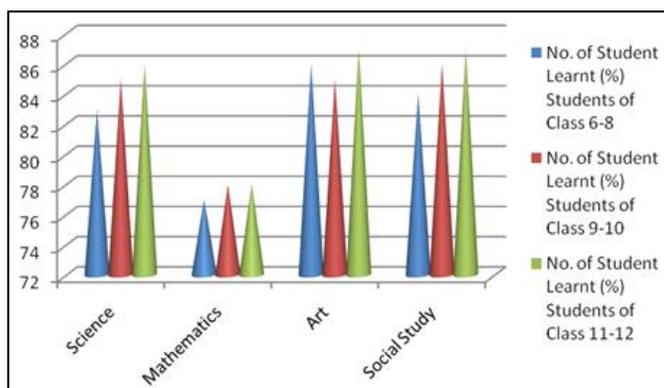


Fig 1: Impact of 3D Teaching Models on Student Learning

Conclusion

The research results show that teaching innovation has a positive, direct effect on students learning. In terms of the relational dimension of teaching innovation and learning satisfaction, teaching innovation has a significant, positive, and direct effect on learning satisfaction. In summary, education is a holistic approach, providing proper development in academic life and interpersonal experiences with an emphasis on general, all-round education. Education should cultivate student’s rational reasoning, ability to express skills and develop the creative capacity of intellectual contemplation, emotional concern and the ability to give. It should also develop good moral sentiments and cultivate a temperament in the arts and humanities, so

that students can not only become people with professional competence of science and technology, but can also become intellectuals with a grand vision. These are the necessary focal points on which a school emphasises and cultivate students as responsible citizens through teaching innovation.

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