Development and Try-out of Computer Assisted Instruction on Social Self

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A B S T R A C T

The purpose of this research was to develop the Computer Assisted Instruction on Social Self and tryout it on trainees of Education College. The researcher has been teaching this unit to trainees for a long time. The Computer Assisted Instruction was prepared by reading 55 books on this unit. It was tryout on 54 trainees who were the trainees of college of Teacher Education where the researcher has been teaching for 15 years. Three days workshop was arranged to experiment the Computer Assisted Instruction. Pre test was given in the first session to check the previous knowledge, than the Computer Assisted Instruction which was developed by the researcher on Social Self was given for the study. The researcher was the facilitator during the work shop. The post test was given to the trainees in the last session to know the learning outcomes. It was experimental research and Single group pre-test post-test design was used. It was found in the result that the average score of pre test was 05.18 and the average score of post test was 43.22. There was significance difference between the mean score of pre-test and post-test. It clearly indicated that Computer Assisted Instruction which was developed on Social Self was effective.

Introduction

The trainees were taught the unit Social Self in the education college so that they can assimilate their role in the society well. One thing was noticed from the previous researches that if self-learning material is developed on this unit, it will be easier for the trainees. So it was decided to develop Computer Assisted Instruction on Social Self. The principal gave permission to arrange work shop to implement the Computer Assisted Instruction and the trainees were also curious to know the role of Social Self. This research was the result of systematic effort which was done on that direction.

Objectives

1. To develop the Computer Assisted Instruction on Social Self

2. To tryout the Computer Assisted Instruction on Social Self and to study its effectiveness.

Hypothesis

There will be no significance difference between mean score of pre-test and post-test on Computer Assisted Instruction on Social Self which will given to the trainees of Teacher Education College.

Review of Literature

The Research work which was done on Computer Assisted Instruction was reviewed to give the final touch to this study. The researcher reviewed many research reports: Ahmad(2010), Akcay(2003), Angadi(2010), Barad(2010), Bharathi(2011), Beichner(1994), Chabay(1992), Desai(2004), Dhanlaxmi(2014), Manisha(2013), Marrison(1993), Qwusu(2010), You-Jin(2009) and Zang(2007) in which were Computer Assisted Instruction was developed and tried out. Based on these previous researches, it was easy to outline the research design. This study also helped a lot in the development of Computer Assisted Instruction on Social Self.

Research Design

It was experimental research and the research design was single group pre-test post-test experimental design.

Sample

The sample was purposive. 54 trainees of College of Teacher Education was the sample of this research.

Tools

1. Computer Assisted Instruction on Social Self

Computer Assisted Instruction on Social Self was developed. The printed material was in DVDs form. It was self made tool.

2. Test

a. The teacher made test which were used in pre test and post test was developed to know the trainees' achievement score on Social Self.

b. There were 50 multiple choice questions which contained 50 marks in the test. The test which was developed to know the trainees' achievement score on Social Self was used in pre test and post test.

Research Design

Step	Sessions detail	Time
1	Pre-Test	45 Minutes
2	Implementation of Computer Assisted Instruction Computer Assisted Instruction which was developed on Social Self was given to the trainees for study. The researcher was facilitator during the sessions.	4 hr.
3	Post test	45 Minutes

Data Collection

The pre test was given to the trainees in the first session of the work shop to know their previous knowledge regarding Social Self. After that Computer Assisted Instruction was

given. Four hours were given to the trainees to study and discuss the Computer Assisted Instruction. The researcher was facilitator during this time. The post test was given in the last session. The trainees responses were recorded in answer sheets which were examined properly and marks were given them according to their answers. The researcher collected the research data in this way.

Data Analysis

The collected research data was statistically analysed. The statistical function Mean, Standard Deviation and T-test were used for data analysis.

	Number of trainees	Mean	S.D.	T-test
Pre- Test	54	05.18	3.88	Significant at 0.01 level 09.45>2.58
Post- Test	54	43.22	5.27	

It was found in the result that the mean score of pre test was 05.18 and the mean score of post test was 43.22. The difference between the mean score of pre test and post test was 38.04. It clearly indicated that Computer Assisted Instruction which was developed on Social Self was effective.

Discussion

This study proved that the Computer Assisted Instruction which was developed on Social Self was effective. This study will helpful to those teachers who are interested in developing Computer Assisted Instruction. It will be also helpful to the learners who want to know the role of Social Self.

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