

A STUDY OF THE 4th YEAR EARLY CHILDHOOD STUDENT'S SATISFACTION TOWARDS MOODLE TEACHING PROGRAM, FACULTY OF EDUCATION, SUAN SUNANDHA RAJABHAT UNIVERSITY.

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ABSTRACT

This research is an Ouasi-Experimental research which an objective is to develop the classroom teaching, by trying to explain the use of multimedia in teaching and learning activities in the classroom. The sample used in this research are a total of 90 students who are studying in the Faculty of Education, majoring in Early Childhood Education. The researcher set one experimental group and conduct the research through the same group via the pre-experimental and post-experimental method (Pre-test and Post-test) to compare the student learning achievement before and after the test. The tool used in this research is a questionnaire which design to study the satisfaction of the students towards the multimedia teaching-oriented

The result of the research indicated that student learning achievement by using multimedia teaching-oriented, the overall average score from the post-test achievement is at a high level. The turn out figures indicated that the student-centered teaching program should be developed as more teaching techniques by using technology and mixed media to improve the studying, so learners can be more interactive with the classroom. Moreover, teachers should have a more diverse teaching process or using the mixed teaching and learning such as a lectured classroom along with learning activities, such as by playing games, a lectured classroom along with group discussion as well as a lectured classroom in parallel with demonstration and practices, for example. The satisfaction in using multimedia as a teaching tools in order to increase student achievement, the average score's results shown at a high level (= 4.28). When considering each aspect, the researcher found that the highest aspect was in terms of teaching and learning management with this multimedia teaching method as well as the activity on the learning process, the student's satisfaction rate shown at high level of (= 4.65), which is considered as very satisfied.

Most students are interested in the activities in classroom, more than the traditional teaching which is using the only lecture method in classroom and they are more interested in the use of new techniques or new processes in order to experience the learning by coaching which can provide students with a good range of attitude and develop student cognition thinking that will lead to an improvement of student's learning achievement. The use of new techniques or methods of teaching is considered a learning activity that can help develop teaching and learning to enhance student achievement. Furthermore, it also allows students to increase their learning process, increase their interpersonal skills and increase their assertiveness including the generosity and skills of living happily in their society accordingly.

Keywords: Early childhood, E-learning program, Moodle program

INTRODUCTION

Learning and Teaching management through the Web Base Learning has a different teaching style than that of normal classroom teaching. The traditional teaching and learning in most classes are characterized by the emphasis on the teacher's input to provide the information and knowledge to the students, so the students are not interesting in pursuing the information or in exploring any new data or additional knowledge by themselves.

Learning and Teaching Management through the Web Base Learning, are methods that are different from the usual teaching and learning. There are different ways of organizing from the normal teaching and learning because the features and forms of the web base learning is the media or tools that has its own unique characteristics. Which is different from other teaching and learning method, therefore, we must consider the design of the teaching system that should be in consistent with the characteristics of the Web Base Learning, such as communication between students and teachers

The communications between learners is different from traditional teaching method, for example, the communication could be done via the web base directly in the form of chat in the chat rooms, leaving messages on the electronic boards or electronic bulletin boards or to communicate via electronic mail (e-mail) which can be done via this system. Therefore, as a Web Base Learning system, it is not just only to create a website or gather any information for teaching or collection data and claimed that this is a web-assisted teaching tool.

The web-assisted teaching tools has a broad meaning that derived from incorporating web base features' program and communication tools in the internet as well as the design of the teaching and learning system together, which lead to the meaningful learning, not just only a source of information. (Prajanan Nilsuk,2000). (Angelo, 1993 quoted in Wichuda Rattanapien, 1999 has summarized the 5 basic principles of teaching and learning management through Web Base Learning as following:

1. In general teaching and learning management, there should be an encouragement between students and teachers in communicating among each other at all times, because the communication among students and teachers plays an important role in creating enthusiasm in learning, in which the teachers can assist the students at any time while studying. Moreover, it also helps to strengthen the thinking skills and understanding ability. Students who studied through the Web Base Learning can chat, exchange ideas and ask questions with the teachers immediately, and also the assignment from the teachers can also be sent through the internet. When students received that assignment, they are able to do the assignments and send them back to the teacher over the internet as well. After that, when the teachers read, checked and grading that assignments, the teachers will send the feedback back to their students quickly or in a short time.

2. In managing teaching and learning, there should be a supportive in development of cooperation between learners. The collaboration among learners will help in developing the thinking and understanding of working in team would be better than working alone. While building relationship as a team by exchanging ideas in order to find the best solutions is considered as the development of the solutions of problem solving, and accepting other people's opinions in order to find the best solutions. Students who studied through the Web Base Learning, although they studied from the computers in different locations, but with the ability of the internet network to connect the computer network around the world together, allows students to communicate instantly, for example, to use an online chatting service that enable students to communicate from 2 people up to a large group of students.

3. In exploring information aspect, there should be students' encouragement to search and explore the data or information by themselves (Active Learners). Avoid directing the

teacher to provide any information or answers to the students. Students should pursue the information and knowledge by themselves and as the advice from the teacher. As we already knew that the internet is the biggest source of information in the world, then the teaching and learning management through this Web Base Learning will help students to retrieve an information conveniently with ease and speed and also help students in finding information from any sources around the world, which creating enthusiasm in pursuing knowledge.

4. The immediate feedback, that helps students to be aware of their capabilities, also help the students to adjust their behavior or how to correct it. Students who studied via Web Base Learning can get the feedback from both the teacher or even from the other students instantly, although, each of students does not sit in a face to face classroom.

5. There should be a supportive in teaching and learning without limit. Fore people who are pursuing knowledge, teaching via Web Base Learning is an opportunity for everyone who is interested in studying. Since students are not required to travel to study anywhere, those who are interested in studying can study on their own at their convenient time. It can be seen that the teaching and learning through this Web Base Learning has features that help supporting the fundamentals of all 5 basic principles characteristics of teaching and learning management effectively.

OBJECTIVE

1. To create courses for the online learning system towards Moodle e-learning teaching program and to study the attitude of students towards using this system.

2. To study students' satisfaction towards teaching and learning through the web by using the Moodle e-learning program.

METHODOLOGY

The researcher has specified the steps of the study as follows

1. Study of documents and research related to teaching and learning management.

2. Create research tools, collection of learning patterns, technology teaching materials and teaching, use of teaching media to increase learning achievement.

Part 1 General information of respondents

Episode 2 is a 5 point rating type coach.

Episode 3 is a suggestion

3. Collect data from students enrolled.

4. Analysis of quantitative data by analyzing frequency (Percentage), mean (Mean) Standard deviation

5. Research findings From the data collected and the results of the data analysis Including the Apipara research results

6. Conducting research report writing and printing report booklet Including a summary of the work

Research tools.

Research tools include

1. Learning plans in the form of multimedia teaching by studying from the curriculum, documents, textbooks, scope, structure, content and course description.

2. The Achievement Test is a subjective test created by the researcher who has been checked for quality in conformity with content from experts.

3. The questionnaire for students' satisfaction in using multimedia teaching materials In teaching Which has been checked for content validity from the qualified

Data collection

In this research, the researcher has collected data from February 2015 - March 2016 with the steps of the experiment as follows

1. Perform the pretest assessment with the achievement test 1 week before the experiment and record the scores before studying.
2. Conduct teaching experiment
3. Perform posttest by using the achievement test which is the same as the pretest test.
4. Take the test scores before and after studying for statistical analysis in order to be aware of the increased academic achievement and research summary.
5. Assessing the student satisfaction questionnaire towards the use of multimedia teaching materials In teaching

RESULTS

Part 1 The respondent's general data analysis results

The researcher analyzed the general information of the respondents and presented in the table as shown below.

Table 1
The general information of respondents.

General Information		No.	Percentage
Gender	Male	5	37.70
	Female	56	62.30
	Total	90	100.0
Year of study	3rd year/Junior level	32	35.60
	4th year/Senior level	58	64.40
	Total	90	100.00
Attendant Rate	5-10 Times	18	20.00
	More than 10 Times	72	80.00
	Total	90	100.00
Learning methods	Research/Self-study	48	53.34
	Project work	42	46.66
	Total	90	100.00

The sample consisted of 90 people. The general information of the 90 respondents regarding the gender aspect, the results indicated that, there were 56 females, representing 62.30% and 34 males, representing 37.70%. The majority of the samples of 58 persons, were studying in the university in the senior level or 4th year student which were representing 64.40% and the samples of 32 people who were studying in junior level or 3rd year student, were representing 35.60%.

For the attendance aspect, 72 people considered as the majority. The respondents who attend the class more than 10 times was accounted as 80.00%. 18 people who attended the class 5-10 times were accounted for 20.00%. Most of the samples were using the self-study as their method of learning, said by the 48 people, which representing 53.34%. Another 42 persons which representing 46.66% used the project work method.

Student's academic achievement by the use of multimedia as a teaching tool, got an overall average score from post-academic achievement tests with the average score of 81.50 from total score of 20 points. It has increasing at 7.12 points which consider at a high level.

The student's satisfaction average scores towards the use of multimedia technology in order to increase academic achievement was at a high level of ($\bar{x} = 4.28$). In order to increase the satisfaction towards the use of multimedia teaching materials for higher academic achievement, the researcher found that the highest aspect was in terms of teaching and learning management with this multimedia teaching method as well as the activity on the learning process, the student's satisfaction rate shown at high level of ($\bar{x} = 4.65$), which is considered as very satisfied.

CONCLUSION AND FUTURE WORK

Other new test or new strategies to help with this course such as brainstorming and discussion among Web Base Learning, among the on-line groups, should be implemented. The recording of learning outcomes in electronic portfolios (e-Portfolio in Google Doc), E-Journal, E-Book etc. should be studied accordingly.

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