

49257211 : MAJOR : EDUCATIONAL TECHNOLOGY

KEY WORDS : DIFFERENCE LEARNING ACHIEVEMENT / COMPUTER ASSISTED INSTRUCTION / THE FOUR NOBLE TRUTHS.

PIRAWAT NONTESA : A COMPARATIVE STUDY OF LEARNING ACHIEVEMENT BY COMPUTER ASSISTED INSTRUCTION IN THE SOCIAL, RELIGIOUS AND CULTURAL STRAND ON THE FOUR NOBLE TRUTHS FOR DIFFERENCE ACHIEVEMENT 8th GRADE STUDENTS. THESIS ADVISORS : ASSOC. PROF. SIRIPONG PAYOMYAM, ASST. PROF. THAPANEE THAMMETAR, Ph.D., AND THONGJUN KHANKHOW. 218 pp.

The purposes of this research were: (1) to develop the computer assisted instruction lessons in the social, religious and cultural stand on the four noble truths for the 8th grade students, (2) to compare the pretest and posttest of difference learning achievement by computer assisted instruction in the social, religious and cultural strand on the four noble truths, (3) to compare the difference leaning achievement of the between group by computer assisted instruction in the social, religious and cultural strand on the four noble truths, and (4) to study the students satisfaction on the computer assisted instruction in the social, religious and cultural strand on the four noble truths. The sample groups in used for this research were the 8th grade student from Oomnoi Sophonchanupatham School – selected by a simple random sampling, classified by the interval scale of the students' capacity in Buddhist subject of the first semester in the school year 2008. There were divided into 3 groups: 25 students from the high group, 25 students from the medium group, and 25 students from the low group.

The results were as follows:

1. The efficiency for the computer assisted instruction lessons in the social, religious and cultural strand on the four noble truths for the 8th grade students were 80.72/82.19 higher than the determined criteria (80/80) and the qualified material evaluation from six experts were high by equal mean 4.0798.

2. The pretest and posttest of difference learning achievement by computer assisted instruction in the social, religious and cultural stand on the four noble truths for the 8th grade students was significantly difference at the level of .05.

3. The difference leaning achievement of the between group by computer assisted instruction in the social, religious and cultural stand on the four noble truths for the 8th grade students was significantly difference at the level of .05.

4. The student's satisfaction on the computer assisted instruction in the social, religious and cultural strand on the four noble truths was the highest by equal mean 4.5828.

Department of Educational Technology Graduate School, Silpakorn University Academic Year 2009
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Thesis Advisors' signature 1. 2. 3.