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ผลการวิจัย พบว่า

1. บทเรียนคอมพิวเตอร์ช่วยสอนภาษาอังกฤษด้วยเพลงมีประสิทธิภาพ 80.12/80.31 ซึ่งสูงกว่าเกณฑ์ ที่กำหนดไว้คือ 80/80
2. ความสามารถด้านการฟังและพูดภาษาอังกฤษของนักเรียนที่เรียนโดยใช้บทเรียนคอมพิวเตอร์ช่วยสอนภาษาอังกฤษด้วยเพลงหลังเรียนสูงกว่าก่อนเรียนอย่างมีนัยสำคัญทางสถิติที่ระดับ 0.01

คำสำคัญ: บทเรียนคอมพิวเตอร์ช่วยสอน เพลง ความสามารถในการฟังและพูดภาษาอังกฤษ

## ABSTRACT

Research Title        The development of computer-assisted instruction on English with songs to develop English listening and speaking abilities of Matthayomsuksa 1 students at the Demonstration School of Ramkhamhaeng University

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Research Year        2011

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The purposes of the research were to construct and to test the efficiency of computer-assisted instruction on English with songs to develop English listening and speaking abilities of Matthayomsuksa 1 students and to compare English listening and speaking abilities of students before and after learning by using computer-assisted instruction on English with songs.

The sample, purposively selected, were 32 Matthayomsuksa 1 students in the first semester of academic year 2011 at the Demonstration School of Ramkhamhaeng University. The students were asked to learn with computer-assisted instruction on English with songs and to take English listening and speaking test which constructed by the researcher before and after learning with computer assisted instruction.

The data were analyzed for efficiency of computer-assisted instruction on English with songs on the criterion  $E_1/E_2$  (80/80) and compared the students' listening and speaking scores before and after learning with computer-assisted instruction on English with songs using t-test.

The results of the research were as follows:

1. Computer-assisted instruction on English with songs had an efficiency of 80.12/80.31 which was higher than the determined criterion 80/80.
2. After learning with computer assisted instruction on English with songs, the students' listening and speaking abilities levels were significantly higher than before learning with computer assisted instruction at the 0.01 level of statistical significance.

**Keywords:** computer-assisted instruction, songs, English listening and speaking abilities