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Computer Assisted Instruction (CAI) on Elementary Science for Grade 6 SY 1996-1997 199100

An Undergraduate Special Problem

Presented to

the Faculty of the

Department of Mathematical Sciences and Computer

Studies

College of Arts and Sciences

De La Salle University-Dasmariñas

Dasmariñas, Cavite

In Partial Fulfillment

of the Requirements for the Degree

Bachelor of Science in Computer Science

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De La Salle University - Dasmariñas

ABSTRACT

NAME OF INSTITUTION: De La Salle University-Dasmariñas

ADDRESS: Dasmariñas, Cavite 4115

TITLE: Computer Assisted Instruction (CAI) on Elementary

Science for Grade 6

AUTHOR: Rhea Villaluz Aguilar

DATE STARTED: December 1996 DATE COMPLETED: February 1997 OBJECTIVES OF THE STUDY:

A. GENERAL:

The study aimed to know the relevance of Computer Assisted Instruction (CAI) on Elementary Science for the Elementary Level particularly Grade 6 students.

B. SPECIFIC:

The specific objectives were:

- to know if CAI could help the traditional way of teaching science education to be more improved;
- to know the benefits of the students and teachers from CAI on Elementary Science;
- and to provide a CAI as an aid to the science teaching with limited topics and features.

SCOPE AND COVERAGE:

This study was focused mainly on the relevance of Computer Assisted Instruction on Elementary Science particularly 2

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on the elementary level, Grade 6.⁴The selected topics about Elementary Science that were discussed in the CAI were within the scope of nonliving environment which include Electricity, Earth's Past, Universe and Space Travel.²

METHODOLOGY:

This study used the strategy of system approach to be able to create a CAI lesson which is an effective teaching instrument. OUTPUT OF THE STUDY:

A CAI on Elementary Science for Grade 6 was developed to demonstrate the CAI features or techniques. The CAI features included: skipping of chapters, graphic illustrations, printing of lessons, showing student's scores after every chapter test, hypertext for defining some terms, summary of chapters and the main text.3/

CONCLUSIONS:

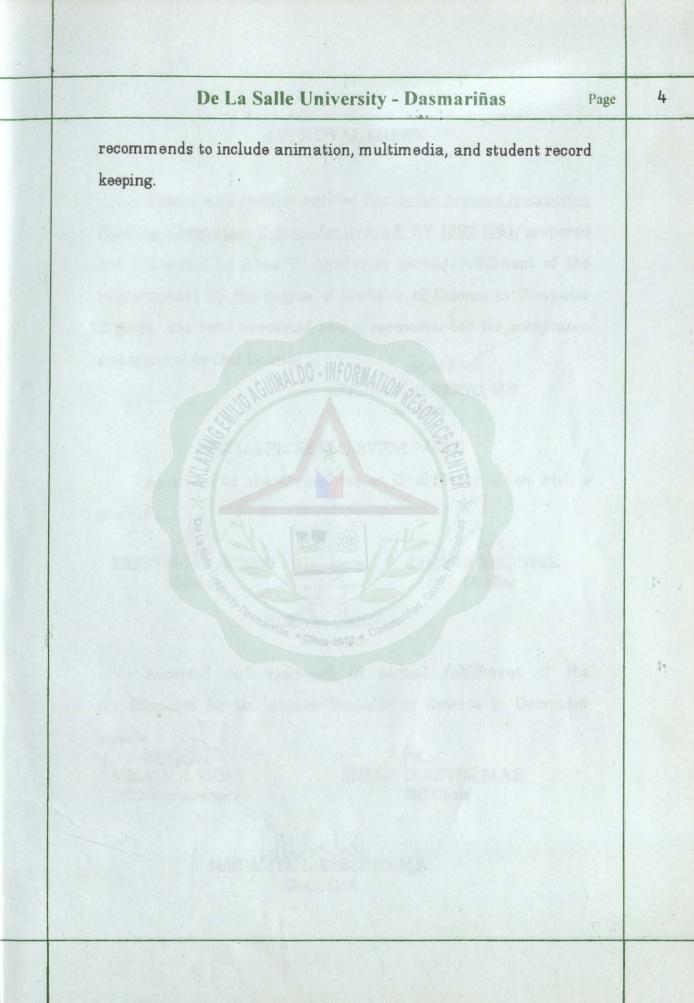
"The CAI is merely a supplementary or an aid to the science teaching with limited topics and features." It would help the traditional way of teaching to be more improved for the science literacy of the students. The students and the teachers could really benefit from the CAI on Elementary Science.

RECOMMENDATIONS:

The CAI on Elementary Science is recommended for further developments to any students or researchers who are interested on continuing to expand the scope of the CAI. The author also 1

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