

**PROGRAMMED LEARNING ALPHABET FOR PRESCHOOLERS**

**A 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 Studies**

**Maria Theresa M. Hesita**

**March 1998**

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**ABSTRACT**

**NAME OF INSTITUTION** : De La Salle University - Dasmariñas

**ADDRESS** : Dasmariñas, Cavite

**TITLE** : Programmed Learning Alphabet for  
Preschoolers

**AUTHOR** : Maria Theresa M. Hesita

**FUNDING SOURCE** : Parents

**COST** : P 25,000

**DATE STARTED** : December 1997

**DATE COMPLETED** : March 1998

**OBJECTIVES OF THE STUDY**

**A. GENERAL**

To develop a software using Computer-Assisted Instruction that will help the Nursery students to become familiar with Alphabet.

**B. SPECIFIC**

1. To have a software that will serve as a teaching material for the Nursery students.
2. To provide a supplement software for the teachers.
3. To implement a lesson design that uses sounds and animations.
4. To supplement children's knowledge in Alphabet.

**SCOPE AND COVERAGE**

The system is especially designed for children ages 3 to 5 years of age. This study focuses on the sounds, knowing and familiarizing of each letter of the Alphabet from A to Z. The special feature of the system is it has sounds and animations made for children. It includes pictures in each letter.

**METHODOLOGY**

The Programmed Learning Alphabet for Preschoolers was developed using Prototyping Method. The interview and research were used in gathering information and to support the development of the software.

**OUTPUT OF THE STUDY**

2/ Visual Basic version 5.0 was used in creating the software. Microsoft PowerPoint was also used in creating animations and sounds. 2/

The system was designed linearly. The topics were presented in a sequence. Each module has a test. The user cannot proceed with the next lesson unless he passed the previous one. The performances of the user will be recorded by the use of database.

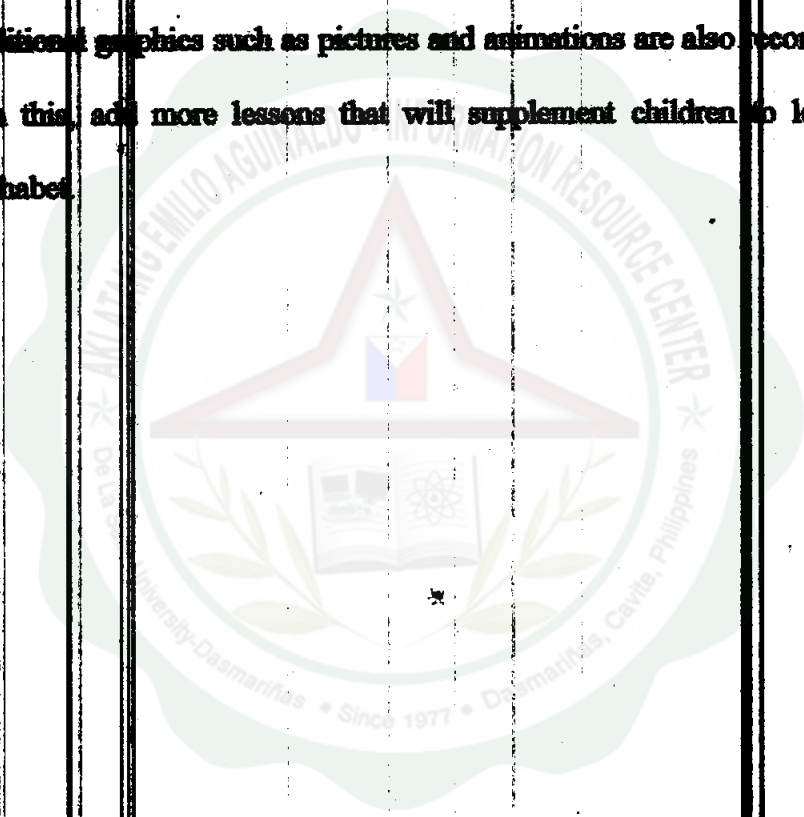
**CONCLUSION**

1/ Programmed Learning Alphabet was designed for Nursery students. The main goal of the system is to supplement children's knowledge in Alphabet. The system contained pictures that represent each letter of the Alphabet. It has also

sounds that pronounce each letter. There should be a teacher that will guide these children in using the system. //

**RECOMMENDATIONS**

The proponent recommends testing its efficacy with Nursery students. Additional graphics such as pictures and animations are also recommended. Other than this, add more lessons that will supplement children to learn more about Alphabet.



**TABLE OF CONTENTS**

|   | <b>Page</b> |
|---|-------------|
| <b>TITLE PAGE.....</b>                              | <b>1</b>    |
| <b>ABSTRACT.....</b>                                | <b>2</b>    |
| <b>APPROVAL SHEET.....</b>                          | <b>5</b>    |
| <b>ACKNOWLEDGEMENT.....</b>                         | <b>6</b>    |
| <b>TABLE OF CONTENTS.....</b>                       | <b>8</b>    |
| <b>CHAPTER</b>                                      |             |
| <b>I The Problem and Its Background.....</b>        | <b>10</b>   |
| <b>Introduction.....</b>                            | <b>10</b>   |
| <b>Theoretical Framework.....</b>                   | <b>11</b>   |
| <b>Statement of the Problem.....</b>                | <b>13</b>   |
| <b>Scope and Delimitation of the Study.....</b>     | <b>13</b>   |
| <b>Significant of the Study.....</b>                | <b>14</b>   |
| <b>Objective of the Study.....</b>                  | <b>14</b>   |
| <b>Definition of Terms.....</b>                     | <b>14</b>   |
| <b>II Review of Related Literature.....</b>         | <b>16</b>   |
| <b>III Methodology.....</b>                         | <b>17</b>   |
| <b>IV Presentation, Results and Discussion.....</b> | <b>20</b>   |
| <b>V Summary, Conclusion and Recommendation</b>     |             |

|  |    |
|--|----|
| Summary.....                                   | 25 |
| Conclusion.....                                | 25 |
| Recommendation.....                            | 26 |
| REFERENCES.....                                | 27 |
| APPENDICES                                     |    |
| Certification of the Review Panel.....         | 28 |
| Thesis Clearance.....                          | 29 |
| Certification from the Editor.....             | 30 |
| Certification from the CRC Representative..... | 31 |
| Certification from the Adviser.....            | 32 |
| User's Manual.....                             | 33 |
| Sample Output.....                             | 38 |
| Curriculum Vitae.....                          | 42 |