



**COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY**

**NUMEROUNO FOR GRADE 1 STUDENTS  
IBA CAMPUS, IBA, ZAMBALES**

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**A Thesis Presented to the Faculty of  
College of Communication and Information Technology  
Ramon Magsaysay Technological University, Iba, Zambales**

**In Partial Fulfillment  
of the Requirements for the Degree  
Bachelor of Science in Computer Science**

**Joyce E. Foster  
Cleyanne Marie B. Eviota  
Rochelle Ann R. Dela Cruz**

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**COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY**

**APPROVAL SHEET**

This entitled **NUMEROUNO FOR GRADE 1 STUDENTS**, prepared and submitted by Joyce E. Foster, Cleyanne Marie B. Eviota, and Rochelle Ann R. Dela Cruz in partial fulfillment of the requirements for the degree, **Bachelor of Science in Computer Science** has been examined and recommended for **ORAL EXAMINATION**.

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Approved by the Committee on Oral Examination with a grade of \_\_\_\_\_.

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Accepted as partial fulfillment of the requirements for the degree **Bachelor of Science in Computer Science**.

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## COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

### ABSTRACT

**Title** : **NUMEROUNO FOR GRADE 1 STUDENTS**

**Researchers** : **JOYCE E. FOSTER**  
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**College** : **COLLEGE OF COMMUNICATION IN**  
**INFORMATION TECHNOLOGY**

**Institution** : **RAMON MAGSAYSAY TECHNOLOGICAL**  
**UNIVERSITY**

**Degree** : **BACHELOR OF SCIENCE IN COMPUTER**  
**SCIENCE**

**Academic Year** : **2014 - 2015**

**Adviser** : **NEMIA M. GALANG, MSIT**

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*Nowadays, access to mobile phones has increased significantly over recent years many people have access to devices on a wide basis and a large number of children play electronic games. The electronic games has positive and negative impacts to children. Concerns have been raised about the prolific use of computer games by children, much of this related to the violence*





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they contain. For instance, many games involve children helping their character to kill, kick, stab and shoot. This may lead to increased aggressive feelings, thoughts and behaviors. In order to address the concern and minimize the negative impacts, parent should need to take certain steps. Parents should check the application if it is suitable for his children and set a limits on the length of time in playing. However, with regards to the positive impacts, games can help to *develop children's cognitive skills. Many games require abstract and high level thinking skills in order to win, skills may not be taught at school. For example, children need to follow instructions, solve complex problems and use logic in many of the games that are currently popular.*

The researchers is directed toward this concern to develop an electronic game entitled Numerouno: An Application Game Development on Android Devices. This application is an educational game focuses on the basic arithmetic operations for Grade I pupils. Numerouno is designed for Andriod devices.

The main purpose of this study has focused on informing developing a computer aided instruction that will enhance kindergarten in mathematics in the most effective and efficient.

Definition of Terms

## 2. REVIEW OF RELATED LITERATURE AND STUDIES

Related Literature

Foreign

Local