

**Contextual Teaching Learning to Improve Students' Critical Thinking Skill and  
Concept Comprehension in Changes of Matter Topic  
for Junior High School**

**SKRIPSI**

**Submitted as Partial Fulfillment and Requirement to Obtain  
Bachelor of Education Degree**

**International Program on Science Education**



**Written by:**

**Afif Naofal Pramana**

**0902259**

**INTERNATIONAL PROGRAM ON SCIENCE EDUCATION**

**FACULTY MATHEMATICS AND SCIENCE EDUCATION**

**INDONESIA UNIVERSITY OF EDUCATION**

**2014**

## **SHEET OF LEGITIMATION**

### **Contextual Teaching to Improve Students' Critical Thinking Skill in Changing of Matter Topic for Junior High School**

By:

AFIF NAOFAL PRAMANA

0902259

APPROVED AND AUTHORIZED BY:

Supervisor I

**Dr. Wawan Setiawan, M.Kom**

NIP. 196601011991031005

Supervisor II

**Dr. Galuh Yuliani, S.Si., M.Si.**

NIP. 198007252001122001

Head of Study Program of  
International Program on Science Education

**Dr. Diana Rochintaniawati, M.Ed.**

NIP.196709191991032001

## **SHEET OF DECLARATION**

I, the undersigned, hereby declare that this research paper which entitled “**Contextual Teaching Learning to Improve Students’ Critical Thinking Skill and Concept Comprehension in Changes of Matter Topic for Junior High School**” is entirely pure result of my own original ideas and the research paper contains no plagiarism. The opinions or findings of others which is contained in this research paper have been quoted or referenced based on scientific code of conduct and accordance with an ethical science that applies in scholarly society. Accordingly, I shall be solely responsible for taking penalty as the case of any action against this statement

Bandung, February 2014

Declarant,

**Afif Naofal Pramana**

**0902259**

## PREFACE



All of praises and gratefulness are always raised to Allah SWT for all His mercy and grace so the writer finished of the research paper to fulfillment of the requirement for Bachelor Degrees of International Program on Science Education at Indonesia University of Education. This research paper entitled “**Contextual Teaching Learning to Improve Students’ Critical Thinking Skill and Concept Comprehension in Changes of Matter Topic for Junior High School**”. *Shalawat* and *salam* may always devoted to our Big Prophet Muhammad SAW, who has given us kindness and bring to the Islamic era, to all his families, and we are as Muslims that obey to the lesson that he has taught.

This paper was conducted to examine the effect of contextual teaching towards students’ critical thinking skill and concept comprehension. This research paper is the requirement for all university students in educational major to finish and obtain Sarjana Pendidikan (S, Pd.).

The perfection belongs to Allah SWT, the author realizes that what has been done in this paper still has so many weakness that have to be improved. Therefore, the writer expects any comments and suggestions to improve the quality of learning process in the future and the ability of writer especially. Hopefully the results that presented in this research paper can be useful and can be more improved by the other researcher.

Bandung, April 2014

The Author

## **ACKNOWLEDGEMENTS**

This research paper is made possible through the help and support of those to whom I dedicate my acknowledgment. Sincere gratitude is hereby extended to the following who never ceased in helping and supporting until this research paper has well arranged:

1. Dr. Wawan Setiawan, M.Kom and Dr. Galuh Yuliani, S.Si., M.Si. as supervisors for their most guidance, support, encouragement and invaluable detailed advices for my research.
2. Dr. Diana Rochintaniawati, M.Ed. as head of IPSE Study Program for her tireless patience and sensitivity in supporting and encouraging me during the whole study in IPSE.
3. Both of my parents, Mrs. Epin Mintarsih and Mr. Dadih Prihana for the unwavering moral, emotional and financial support. And all of your kindness and valuable lessons have been given.
4. All of IPSE lecturers and staff for sharing positive insight and helping during study in IPSE.
5. Mrs. Euis Rauhillah, S.Si., teachers and staff of Daarul Qur'an International School who made the research is possible to be implemented.
6. My colleagues in International Program on Science Education year 2009 for their kindness, friendship, faith and support.
7. All of students of Darul Qur'an International School, especially for secondary 1 potential students who willing to follow my lesson during taking the research data.

Finally, I sincerely thank to everyone whose name is not listed for the advice, encouragement and support. The product of this research paper would not be possible without all of them.