

**IMPROVING STUDENTS GROUP ACTIVITY IN MATHEMATICS
LEARNING THROUGH COOPERATIVE LEARNING COMMUNITY
(CLC) APPROACH USING PEER TEACHING
(CAR In Grade VII Of SMPN 1 Surakarta Academic Year 2012/2013)**

RESEARCH PAPER

**Submitted as a Partial Fulfillment of the Requirements
for Getting Bachelor Degree of Education
in Mathematics Department**



Written by:

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SCHOOL OF TEACHER TRAINING AND EDUCATION

MUHAMMADIYAH UNIVERSITY OF SURAKARTA

2013

APPROVAL

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Date :

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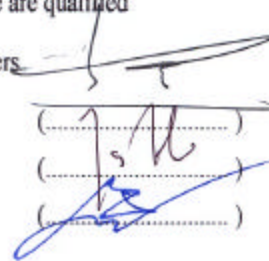
Accepted and approved by the Board of Examiners

On March 2013

And otherwise are qualified

Team of Examiners

1. **Dr. H. Sumardi, M.Si**
2. **Idris Harta, MA. Ph.D**
3. **Drs. Slamet HW, M.Pd**



Three handwritten signatures in blue ink are written over horizontal lines. The first signature is above a solid line, the second is above a dashed line, and the third is above a solid line.

Surakarta, March 2013

School of Teacher Training and Education

Muhammadiyah University of Surakarta

Dean,



Drs. H. Sofyan Anif, M.si

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TESTIMONY

Herewith, I testify that in this research paper, there are no plagiarisms of the previous literary work which has been submitted to obtain bachelor degree of any university. As far as I am concerned there is no opinions or masterpieces which have been written or published by other, except those which the writing was referred in the manuscript and mentioned in bibliography.

Hence, later if it is proven that there are some untrue statements in this testimony, I will be fully responsible.

Surakarta, March 2013



Evi Yulian Novitasari

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MOTTO

"Verily Allah will not change the condition of a people unless they change their own condition"

(Q.S Ar – Ra'ad : 11)

"Do not said to me how hard you have worked. Say how much you have completed"

(Walter Elliot)

"To achieve great things we not only plan and act, but we must dare to big dream and believe in the dream"

(Writer)

"Never be afraid to fail, because failure is a process. If we fail then immediately get back up to correct that failure. Failure is not the end of everything"

(Writer)

DEDICATION

With heartfelt I Dedicate this research paper to:

? Lilik Kristiyani and Sugiyanto the writer's Beloved parents

who never stop pray for me, gives support, motivation, and gives genuine affection to me.

? Dinda Ayu, Puput Erlina, and Devi Anggita the writer's Lovely Sister

who continually support and encouragement as I fell..

? Grandfather, grandmother, and all family

who always pray for me and always give me support to succeed

? The writer's lovely friends in Math Education'09, especially the big family of

RSBI'09

were always encouraging and give support for me.

? The writer's Beloved Almamater

? *Dear Readers*

ACKNOWLEDGEMENT

Assalamu'alaikum Warahmatullahi Wabarakatuh,

Alhamdulillahirobbil 'alamin, the writer thanks to Allah SWT, the most merciful, the most beneficent, that blessed the writer so that she can finally accomplish this research paper entitled: "IMPROVING STUDENTS GROUP ACTIVITY IN MATHEMATICS LEARNING THROUGH COOPERATIVE LEARNING COMMUNITY (CLC) APPROACH USING PEER TEACHING" as a partial fulfillment of the requirements for getting Bachelor Degree of Education. Praise to our greatest Prophet Muhammad SAW that be uswatun hasanah the life of Muslims.

The success of writing this paper, the writer can not be separated from the support, motivation and guidance from various parties. Thus, the writer would like to salute and express their great gratitude and appreciation to:

1. **Mr. Drs. H. Sofyan Anif, M.si** as the Dean of School of Teacher Training and Education of Muhammadiyah University of Surakarta,
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6. All of the lecturers in Mathematics Department,
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The researcher realizes that this research is still far from being perfect. Therefore, she would be very pleased to admit any constructive criticism, to give comment, and suggestion to make this research paper better. The researcher wishes that this research paper would contribute in education, especially in mathematics learning.

Wassalamu'alaikum Warahmatullahi Wabarakatuh.

Surakarta, March 2013

The Writer

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ABSTRACT

“IMPROVING STUDENTS GROUP ACTIVITY IN MATHEMATICS LEARNING THROUGH COOPERATIVE LEARNING COMMUNITY (CLC) APPROACH USING PEER TEACHING”

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Evi Yulian Novitasari, A.410090234, Mathematics Education Department,
School Of Teacher Training And Education
Muhammadiyah University Of Surakarta, 2013, 82 pages

This research objective are: (1) improve students groups activity in mathematics learning through Cooperative Learning Community (CLC) approach using peer teaching, (2) improve learning outcomes/student achievement in mathematics learning through CLC approach using peer teaching so as to achieve the minimum passing grade. Subjects receiving action is student class VII D of SMPN 1 Surakarta totaling 26 students, the subject of implementing of action is researchers and helping subjects implementation are mathematics teachers and the principal. Techniques of collection data are test method and observation method as a principal method, as well as supporting method that include interviews, documentation and review. In this classroom action research, data analysis is descriptive qualitative. The results of this study showed a improving students group activity in mathematics learning. It can be seen from: (1) students learning cooperation currently before action of 50% , cycle I 76,92% and cycle II increase 100% , (2) the ability of students to understand the problem before action 57,69% , cycle I 76,92% and cycle II increase 88,46% , (3) questioning activity/expression of the material received before action 50% , cycle I 69,23% and cycle II increase 84,62% , (4) students activities on doing task 46,15% , cycle I 65,38% and cycle II increase 88,46% , (5) the ability of students in presenting/explaining problem solving in front of class before action 30,77% , cycle I 50% and cycle II increase 76,92%. The conclusion of this study is that the application of this Cooperative Learning Community (CLC) approach using peer teaching can improve students groups activity in mathematics learning.

Key words: *Learning Activity, Cooperative Learning Community (CLC) approach, Peer Teaching.*