

## ABSTRACT

### **THE DEVELOPMENT OF STUDENTS' ACTIVITY AND ACHIEVEMENT ON ENTREPRENEURIAL LEARNING WITH NHT TYPE (*Numbered Heads Together*) COOPERATIVE LEARNING MODELS IN SMK NEGERI 8 PURWOREJO**

By

**Astri Kumarawati  
NIM. 08513245010**

This study was conducted to 1) know the learning process on entrepreneurial learning in SMK Negeri 8 Purworejo with NHT type cooperative learning models, 2) Know the increase of the students' entrepreneurial learning activity in SMK Negeri 8 Purworejo with NHT type cooperative learning models and 3) Know the increase of students' entrepreneurship learning achievement at SMK 8 Purworejo with NHT type cooperative learning models.

This study was carried out in a class which consisting of two cycles design research models of Kemmis and Taggart. The chronology of this class action study consisted of "Planning-Action-Observation-Reflection". The research's subjects were 25 students of fashion circles eleven grade. Data collection techniques was using learning process observation sheets, student activeness observation sheets, problem descriptions, and multiple-choice test. The test validity of the observation instruments sheets and problem description was using Experts Judgment and multiple-choice tests were using Point Biserial with the results of 0.275. The test instrument was tested on 23 students of fashion circles eleven grade I in SMK Negeri 6 Purworejo. The validity test results of 70 items for multiple-choice test showed that there were 2 points failed to be tested which were numbers 56 and 66. The reliability of the learning process observation sheets, activeness students observation sheets and the problems description with *Antar-Rater* were produced 0.726 and 0.734. The multiple-choice tests using KR-20 produced 0.953. Data analysis in this study was using quantitative descriptive analysis techniques with percentage to calculate the students' activeness and complete values.

The results showed: 1) The entrepreneurial learning process was applied in SMK Negeri 8 Purworejo with NHT type cooperative learning models which carried out through the planning cycle I, enhance the students' activeness and achievement. The action, First Phase, teachers formed studying groups, each group with different abilities based on the student's presence consisting 5 students. Second Phase, the teacher gave questions for students with problems description. Third Phase, students worked the assignment, each group bringing together heads "Heads Together" discuss the answer and convince every member to know the answer. Fourth Phase, the teacher called one particular number of the member to answer the question and represent the discussion results. The observation, some students have not been doing the first and third phase well. Reflection, the activeness and achievement was good but needs to be improved so that the second cycle executed. Cycle II, planning, enhance the students' activeness and achievement in cooperative learning model of NHT type. The action, teacher added more motivation and counseling in every phase. Observation, students' activeness and achievement increased. Reflections, cooperative learning model of NHT type could be well applied on entrepreneurship learning, the activeness was high categorized and the students' achievement has been completed according to the KKM so the second cycle stopped. The activeness average of students' activeness on cooperative learning model of NHT type pra-action was 27.2% as low category, rising 29.8% up to 62.5% in cycle I, as middle category, rising 23.7% to 77, 3% in the second cycle as high category; 3) the enhancement of achievement learning average with cooperative learning model of NHT type on pre-action 70.8 increased 13.2% became 81.9% in cycle I and increased 10.1% became 90.1 on cycle II. It can be concluded that cooperative learning model of NHT type can enhance the students' activeness and achievement for entrepreneurial learning in SMK Negeri 8 Purworejo twelfth grade of clothing fashion class.

**Key words: Cooperative learning model of NHT type, Activeness, Learning achievement.**