

# COMPARISON OF STUDENT LEARNING USING COOPERATIVE LEARNING MODEL SCRIPT AND TALKING STICK ON BIOLOGICAL MATERIAL SCOPE

By

**Dwi Hastuti Rahayu**

**125040022**

## Abstract

The background of this research is based on observations and interviews with teachers of biology class X which suggests that students are less active in the classroom and student learning outcomes are still low and the lack of utilization of the learning model. This study aimed to obtain information on the differences in learning outcomes of students using cooperative learning model script and talking stick to the material scope of biology. The method used in this study is quasi-experimental (quasi experiment) with a pretest-posttest design Non-equivalent Control Group Design. The thing that is measured in this study are student learning outcomes after the implementation of cooperative learning model *script* and *talking stick*. The population of this study were students of Class X SMAN 1 Cibatu, with samples of X-4 were 36 students as a class experiment with the treatment of *cooperative script* and class X-1 were 36 students as a class experiment with the treatment two *talking stick*. Values of n-class *cooperative* gain of 0.68 with the criteria script n-gain medium and class *talking stick* was 0.71 with a high-gain n criteria. Further analysis of the data using the t test hypotheses, obtained significance value of 0.369 for significance value greater than 0.05 then  $H_0$  is accepted. Rate affective form, the assessment of students during the learning process, the value of the average ratings of affective cooperative class script at 73.03 with the criteria of a good score and the average score of the class talking stick affective ratings of 74.42 with the criteria of a good score. While the average grade ratings psychomotor *cooperative script* at 73.84 with the criteria of a good score and the average score of the class *talking stick* psychomotor votes for 74.77 with the criteria of a good score. Based on the results obtained in this study can be concluded that there was no significant difference to the learning outcomes of students using cooperative learning model *script* and students learn by using model *talking stick* to the material scope of biology.

Keywords: *Cooperative Script*, *Talking Stick*, Student Learning Outcomes, Biological Material Scope