

**IMPROVING STUDENT LEARNING OUTCOMES THROUGH
COOPERATIVE LEARNING MODEL STAD (STUDENT TEAMS
ACHIEVEMENT DIVISION) ON THE CONCEPT OF VIRUS**

ABSTRAK

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This study was conducted based on the background of low mastery of students on the material of the virus. The average value of Biology under *Kriteria Ketuntasan Minimum (KKM)* and the interest of student learning is still lacking. This study aims to improve student learning outcomes through *pembelajaran* model of cooperative STAD (Student Teams Achievement Division) on the concept of virus. The study population was class X SMA Pasundan Rancaekek. The sampling technique is purposive sampling, to obtain a class X-2. The method used is Pre-experimental research design Designs with one group pretest-posttest Designs. The instrument used was a test mastery of the material in the form of 20 multiple choice questions. The result of calculation shows that the average value of 33.81 pretest and posttest average of 78.10. Data analysis used the gain derived value was 0.66 with the criteria. The results tally students' response to learning that is 4.00 with a good criterion to the model of STAD (Student Teams Achievement Division) on the concept of virus. Results of Student Activities is 85.33 with the criteria very well, while the activity of teachers at 96 with very good criteria, and assessment criteria 92.86 RPP is very good. Research learning model STAD (Student Teams Achievement Division) showed an increase in student learning outcomes in the concept of virus.

Keyword: STAD (Student Teams Achievement Division), learning outcomes, virus.