

ABSTRAC
MEASURING COGNITIVE LEARNING OUTCOMES
IMPROVEMENT WITH FLIPPED CLASSROOM LEARNING
MODEL

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This research conducted on Class X social studies students at Al Hadi High School Bandung aims to: (1) To find out the application of learning in experimental classes using the flipped classroom method at Al Hadi High School Bandung in class X social studies in Economics subjects, (2) To find out the improvement of student cognitive learning outcomes in experimental and control classes at Al Hadi High School Bandung in class X social studies in Economics subjects, (3) To find out the improvement of cognitive learning outcomes by applying the flipped classroom method at Al Hadi High School Bandung in class X social studies in Economics subjects. The approach used in this study is quantitative with quasi-experimentary methods and data collection techniques using multiple choice instruments. Calculations in data processing are carried out using the SPSS application version 25 for windows. Based on the results of the analysis of research data obtained a n average pretest experiment value of 51.07 and an average posttest experimen value of 81.31, while the average control pretest value was 43.81 and the average control posttest value was 45.83. With a significant value of $0.000 < 0.05$ and this result can be concluded which means that there is a difference from the learning outcomes of students between the flipped classroom learning model in the experiment class and ppt-based learning media in the control class.

Keywords : *Learning Models, Flipped Classroom, Learning Outcomes.*