***ABSTRACK***

*This reseach in the wake of the lack of activity and student learning outcomes, in because the learning process is still using the traditional approach and students are less actively involved, thus making learning science becomes monotonous and boring. This research on the use of models in the show Student Team Achievement Division (STAD) that can be used to motivate and increase the activity and his or student learning in science learning materials mainly in the water cycle is expected to increase significantly. The purpose of this research is improve and increase the activity and student learning outcomes in learning science, especially about the water cycle. The benefits of this research is to be able to add scientific and is expected to be useful for, teachers, student, authors and institutios. Related research shaped claddroom action research conducted by two cycles, fifth grade students study sebjects SDN Linggar 1, amounting to 33 people. The overall results of the study showed significant improvement from the first cycle of learning activities of students reached 55,5% and student learning outcomes reached 54,5%. While in the second cycle of learning activities of students reached 92,5% and student learning outcomes reached 87,8%. Based on the above resuts, it can be concluded that the use of madels Student Team Achievement Division (STAD) was able to insrease the activity and student learning outcomes in learning science. Thus, the application of the model Student Team Achievement Division (STAD) can be used as an alternative learning models to be applied in learning science.*

***Key Words: a Model Student Team Achievement Division (STAD), learnig activities, student learning outcomes, lerning science,***