

# **Meningkatkan Hasil Belajar Siswa Pada Materi Ikatan Kimia Dengan Menggunakan Model**

## **Pembelajaran Kooperatif Tipe STAD**

### **Pada Siswa Kelas X<sub>3</sub> SMA Negeri 3 Gorontalo**

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**Abstract:** The title of classroom action research is “Improving the achievement of concept atom structure thought cooperative” This research involves the students of class X<sub>4</sub> SMA N 3 Gorontalo of in academic year 2008/2009. with cooperative learning model jigsaw type that have purpose for increasing study result of students class X<sub>4</sub> in subject of atom structure. Based in classroom action procedure, analysis and reflection on action hypothesis testing doing in a stage. And continuous that is on every ending activities from every cycle. 85 students who on observation paper minimal reach the nice category. The students achievement in cycle I, from 32 students there are 18 students who get more than (6,9), and 14 students get less than (6,9) with the average (6,74), while in the cycle II is improve where 32 students there are 28 students (87,5) get more than 6,9 and students get less than 6,9 with the average 8,0 and the average of applicability 82,75. Based on the students achievement in apply of cooperative learning model jigsaw type in structure atom can be improve the students achievement, so the hypothesis in this research is valid.

**THE KEY WORD:** RESULT LEARN THE STUDENTS, ATOMIC STRUCTURE, STAD METHOD