

## ABSTRACT

*Elyas. 2014. Learning result description and student activity trough active, creative, efektif and interesting learning approach on sound science material (a case study in SMP negeri 13 Gorontalo). Skripsi. Physics departmen. Math and science faculty. State University of Gorontalo.*

*This research were conducted to describe student learning result and student activity trough active, creative, efektif and interesting approach on sound science material in SMP Negeri 13 Gorontalo. Population in this research were all the student class VIII SMP Negeri 13 Gorontalo academic year 2013/2014 consist from 4 (four) class. From this population were taken one class as the sample with purposive sampling then applied active, creative, efektif and interesting approach. Class VIII-3 in amount of 24 has been chose as the observed class and teach using active, creative, efektif and interesting approach. The collecting of the data used teacher activity observation sheet and student activity sheet and learning test result.*

*After applied that approach, teacher and student activity were increased from first meeting until the third meeting. In other side, the quality of learning particularly in sound material would increase. It shows through the increasing of student learning result. From 24 student, they were passed the test about 22 or 91,67% and the student were failed is two from 24 or 8,33%. From the previous explanation, it concluded that the applied of PAKEM in learning activity would increase activity and learning result.*

**Keyword:** *Students Activity, PAKEM Approach, Sound and Learning result*