

## ABSTRACT

**Dwita Nurhidayanty. 2016. The Study Results Through The Application Of Students Material Brochures To The Concept Of Biodiversity. Under guided Prof. Dr. H. Toto Sutarto Gani Utari,M.Pd dan Dra. Hj. Lilis Suhaerah, M.Kes.**

The background in this research is low understanding of students in the biology which caused by not contain learning activities with the teach substance not interesting so that the result is being low . Therefore required a new and interesting teach substance so can be able to help students in understand the concept of learning. The objective from this research is needs to know whether the implementation of teach substance from leaflet can be improve the result from learning in the concept of biodiversity .The method used by this research is experiment with design pre-experimental with one group pretest-posttest without using class control .The population in this research is X MIA high school Angkasa Bandung with total 5 classes. X MIA D is the research sample with number of students 38. An instrument which be used in the form of objective tests as many as 20 about given during the pretest and posttest. The results from analysis shows that average pretest is amount 39,13 and average posttest is amount 78,28 continued with t test, the result of  $t_{hitung} > t_{tabel}$  is  $21,4 > 2,651$  which means  $H_0$  = rejected and  $H_1$ = accepted , and includ into category of moderate as well as the result of n-gain is amount 0,652711 which is includ into the category of moderate too. So that the research results can be figured out that the application of learning by teach substance from leaflet can be improve the result of learning students.

***Keywords : Teach Substance brochures, the result of learn, One Group Pretest-Posttes Design, the concept of biodiversity***