

## **ABSTRACT**

Na'imatun Sa'diyyah, 2019. *Improving Student's Ability In Interpreting Information Through Number Head Together Learning Model With Information Technology*. The first Supervisor: H. Dadi Setia Adi, M.Sc., Ph.D and the second supervisor: Dr. Iwan Setia Kurniawan, M.Pd

*This study aims to obtain information about the development of the ability to interpretation student information through the Number Head Together (NHT) model assisted by information technology on biodiversity material. The subjects in this study were Class X MIPA in SMA Kartika XIX-1 Bandung, which were used as samples were 32 students using pre-experimental methods with one group pretest-posttest design research design. The parameters measured were the pretest-posttest test to see the ability to interpret information, observation sheets of students 'activities or attitudes, and students' responses to learning of information technology-aided NHT models. The results showed that the ability to interpret student information developed after learning using the web-assisted NHT model with the results of the calculation of the N-Gain value for each student, the highest N-Gain value of 0.90 and the lowest N-Gain value of 0.42, this shows that the ability to interpret student information develops after learning to use the NHT model assisted by information technology, in addition to the ability to interpret information on other research results is the assessment of attitudes when learning takes place using the information technology-assisted NHT model with an average of 3.40 in the good category, and student responses to NHT model assisted by information technology by 60%. Thus it can be concluded that the ability to interpret information on students can develop through NHT learning models assisted by information technology.*

*Keywords: Ability to interpret information, NHT Model assisted by information technology, Number Head Together Learning Model*