ABSTRACT

De Eri Zatnika. 2020**. *Implementation of the Since, Environment, Technology, Society Online Approach in the Covid-19 Period to improve Student Learning Outcomes in Plant Network Materials*. *Supervised by* Ida Yayu Nurul Hizqiyah S.Pd., M.Si. *as mentor* 1 *and* Cita Tresnawati S.Pd., M.Pd *as mentor* 2.

Total Online Learning is a new challenge for schools where teachers and students are required to reorganize their learning activities. With the SETS Online approach, this can be an alternative to maximize learning, because students are directed to understand the material and how to apply it in their life. This study aims to determine the increase in learning outcomes and student responses to learning. The research sample consisted of 30 people. The research method used was pre-experimental desaign. The research design used was the One-Group Pretest-Posttest Design. The research instrument used was an ability test that measured the cognitive domain in the form of 30 pg questions and student response questionnaires. From the research results, it was found that the value of (X) estpretest was 36.6 and X ottest pottest of 80.5. After the pretest and posttest, the researcher also continued with the t test and the t test results were significant because t> t table was 23.76> 2. , 06. The results of the data processing of this study indicate that the H1 hypothesis is accepted, so it can be concluded that the SETS Online approach can improve student learning outcomes. This happens because the SETS approach has learning stages that begin with focusing students 'attention on problems, there is room for concept development and application of concepts in students' lives or in completing case studies and in each stage, of course, the teacher continues to provide concept consolidation so that students better understand the topics discussed. Analysis of the data from the questionnaire on student responses to learning obtained data from a total of 30 samples, only 20.77% of students gave negative responses and 79.23% gave positive responses, this proves that most of the total samples responded well to learning.

Keywords: Online SETS Approach, Learning Outcomes, Plant Networks