

## **ABSTRACT**

*This study aims to provide an overview of the writer's ability to produce text explanation implementing learning complex and to determine the ability of class XI SMA Angkasa Lanud Husein Sastranegara Bandung in producing tek complex explanation.*

*Formulation of the problem that the authors ask is: a) Can the authors plan and execute complex learning produces explanatory text focuses on coherence sentence using discovery learning in class XI SMA Angkasa Lanud Husein Sastranegara Bandung? b) Can the students of class XI SMA Angkasa Lanud Husein Sastranegara Bandung capable of executing complex learning produces explanatory text focuses on coherence sentence using discovery learning? c) Effective methods of discovery learning in the learning digunaka producing complex explanatory text focuses on coherence sentence in class XI SMA Angkasa Lanud Husein Sastranegara Bandung?*

*The hypothesis that the writer formulated as follows: a) The author is able to carry out the study produce explanatory text focuses on coherence complex sentences by using discovery learning in class XI SMA Angkasa Lanud Husein Sastranegara Bandung in the academic year 2015/2016; b) The students of class XI SMA Angkasa Lanud Husein Sastranegara Bandung capable of producing complex explanatory text focuses on coherence sentence using discovery learning; c) Methods of discovery learning is effectively used in producing learning complex explanatory text focuses on coherence sentence in class XI SMA Angkasa Lanud Husein Sastranegara Bandung.*

*The results of his research as follows.*

- 1. The author is able to plan and execute complex learning produces explanatory text in class XI SMA Angkasa Lanud Husein Sastranegara Bandung. it is evident from the results of the planning and implementation of learning by 3.55 with a good category (A).*
- 2. Students in class XI SMA Angkasa Lanud Husein Sastranegara Bandung capable of producing complex explanatory text focuses on coherence sentence. It is evident from the average value of 45.1 pretest and post-test average value of 75.6. Thus, an increase of 30.5 or 12.7%.*
- 3. The method of discovery learning is effectively used in producing learning complex explanatory text, it is evident from the results of statistical calculations with the results  $t_{count} > t_{table}$  namely namely 4.62 > 2.24 at 95% confidence level, and the degrees of freedom of 23.*

*Based on these facts, the authors concluded that the author managed to make learning complex producing explanatory text focuses on coherence sentence using discovery learning.*

*Keywords: Produce, Text explanation Complex, Coherence sentence, Discovery Learning Method.*