

AN ANALYSIS OF GRAMMATICAL AND LEXICAL COHESION USED IN THE SCIENTIFIC ARTICLES

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ABSTRACT

In this thesis, the writer attempts to find out the grammatical and lexical cohesion in the scientific articles: *Journal of English Language and Teaching* to determine what are the types of grammatical and lexical cohesion and also what are the most appear in the scientific articles. The research used a descriptive qualitative and quantitative method. The data of this research are the words and sentences in scientific articles. The data collected by reading every single words and sentences in the journals, and categorized the collected data based on the types of grammatical and lexical cohesion of Halliday and Hasan. The writer found four types of grammatical cohesion and one type of lexical cohesion used in the text of journals: *reference, substitution, ellipsis, and conjunction* while lexical cohesion, reiteration: *repetition, synonym, and superordinate*. Based on the findings, it can be concluded that there are four types of grammatical cohesion and two types of lexical cohesion in the *Journal of English Language and Teaching*. The most appears from both grammatical and lexical cohesion is reference with twenty eight form in the *scientific articles*.

Keyword: *Cohesion, grammatical, lexical cohesion, qualitative, scientific articles*