

# INSTRUCTIONAL TEACHING STRATEGY CAN BOOST AN ACTIVATOR OF STUDENTS

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**A** teacher has a person who teaches in school rather than, especially helps others to shows knowledge, competence and value, playing a role of half mother and father. Concept mapping instructional approach as an activator of students' performance in the teaching and learning of excretion has investigated. The quasi experimental design has employed. Purposive sampling technique has used to select three intact biology classes of Senior High School 2 students with a total sample size of 108. The two main instruments used for data collection has General Knowledge in Biology Performance Test (GKBPT) and Students' Performance Test in Excretion (SPTe) with K-R 20 reliability coefficient of 0.812 and 0.866 respectively. Point Bi-serial Correlation, Wilcoxon Signed Rank test, effect size, chi-square and Kruskal-Wallis H test has employed to analyse the quantitative data collected using the students' achievement scores. The study showed that the effect size of the students' performance in the concept mapping of the post-test scores has better than that of the pre-test scores. The instructional approach did not only improve students' achievement in the biology course but also helped the students to retain the concept learned for longer period. Based on the result, recommendations have been made.

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