

# THE EFFECT OF E-LEARNING BY USING THE LEARNING MANAGEMENT SYSTEM EDMODO ON THE ACHIEVEMENT OF THE STUDENTS OF SECOND SECONDARY GRADE IN THE CURRICULUM OF BIOLOGY (3)

**NORA AHMAD A. ALMEQRIN**  
**King Saud University**

**ABSTRACT\_** *The study aimed to identify the impact of e-learning by using learning management system Edmodo in the achievement of the biology curriculum 3 at cognitive levels (remembering, understanding) at the female students of second secondary grade in Riyadh, and the trends towards it. To achieve the study objectives, the researcher used the semi- heuristic method. The study sample consisted of 54 female students from the students of second secondary grade in Riyadh, in the second semester 1437/ 1436 AH. It consists of (27) female students for the experimental group who studied by Learning Management Systems (Edmodo) that the researcher had prepared its content, and (27) female students for the control group who studied by using the traditional way of teaching Biology. The researcher has developed a set of tools and materials that were represented in an achievement test consisted of (17) paragraphs, a trend gauge consisted of (19) paragraphs, and allocating a website on Edmodo network that includes an e-lesson, an assignment, a test, and activities that have been designed by the researcher. The study concluded the following results: There are statistically significant differences between the average of the experimental and control groups in the achievement through long distance at the remembering level, in favor of the control group. There are no statistically significant differences between the average of the experimental and control groups in the achievement through long distance at the understanding level. There are no statistically significant differences between the average of the experimental and control groups in the overall achievement through long distance. And There are no statistically significant differences between the average of the pre and post trend gauge of the experimental group.*

**KEYWORD:** *e-learning, learning management system Edmodo, achievement, biology (3).*