

# THE EFFECTIVENESS OF USING WEBQUEST STRATEGY FOR TEACHING BIOLOGY ON DEVELOPING GENERATIVE THINKING & THEIR ATTITUDED TOWARDS WEBQUEST FOR SECOND SECODARY YEAR STUDENTS

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**ABSTRACT\_** *This study aimed to investigate the effectiveness of using Webquest Strategy for teaching biology on Developing Generative Thinking & Attitudes' Towards Webquest in second secondary year students. In Riyadh. The study used the quasi-experimental design which involves two groups: experimental and control. The instruments of the study included: Generative Thinking Test and Attitude Toward Webquest Strategy Scale, designed Webquest, students guide, and a teacher guide for using Webquest to develop the students' Generative Thinking skills& Attitudes' Towards webquest. The sample of the study consisted of (68) students: (34) students in the experimental group and (34) students in the control group. A pre-posttest was applied to the same sample before and after implementing the study. The results of the study revealed that there is a statistically significant difference between the mean scores of the study sample in the pre and post assessment of the students' Generative Thinking skills& Attitudes' Towards Webquest in favor of the post assessment. This confirmed that using Webquest is effective in developing and enhancing the biology Generative Thinking skills& Attitudes' Towards Webquest among biology learners at secondary schools. Therefore, it was recommended that curriculum designers should keep in mind the great positive effect of Webquest teaching and learning, especially in enhancing the students' Generative Thinking skills and their Attitudes' Towards Webquest.*

**KEYWORDS:** *Webquest, Generative Thinking skills, Attitudes' Towards Webquest.*