

## A STUDY ON THE ASSESSMENT OF REFLECTIVE JOURNAL BASED ON CAPSTONE DESIGN

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### ABSTRACT

A reflective journal is a personal record of student's learning experiences. The aim of this research is to explore how the practice of critical reflection within a team-task activity process can be facilitated through the application of reflective processes and tools. The study subjects were 4th graders under molecular biology. They completed Capstone Design I in the first semester of the fourth grade and Capstone Design II in the second semester. In this study, we investigated how students' perceptions of reflection students changed with the passage of time. A distinction was drawn between reflection as a form of individual development (reflection-writing through team activities, the contribution as a team member, self-development and reflection, and role and activities in concrete ways and reflects action plans to develop oneself).

**Keywords:** Capstone Design, reflective journal, team-task activity.