



# ONLINE COLLABORATIVE LEARNING AND THE ENHANCEMENT OF MOST ESSENTIAL LEARNING COMPETENCIES IN GENERAL MATHEMATICS AMONG GRADE ELEVEN SENIOR HIGH SCHOOL STUDENTS

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## ABSTRACT

*Making collaborative learning happen in this time of pandemic brought educators to worries and doubts given the fact that learning through these trying times delved back to the importance of cooperating, corroborating, and interacting, especially on subjects which were believed to be difficult, like Mathematics. However, the uncertainty lies in the question of how collaborative learning affects the learning of competencies. Teaching the students acquire the competencies in Mathematics is difficult in itself during face-to-face set-up, thus, peer-teaching and collaborative learning are always on the list to assist below-average learners cope up easily. Thus, this study determined the effect of online collaborative learning to the enhancement of most essential learning competencies (MELC) in General Mathematics through the use of researcher-made questionnaire, pretest and posttest. The study focused on the thirty-five (35) respondents who were enrolled in online classes in the aforesaid subject academic year 2020-2021. The result showed significant difference between the pretest and posttest scores, which entails that the OCL aided the students in mastering competencies in General Mathematics. It was suggested that Mathematics Supervisors, Coordinators, Master Teachers and Teachers may propose in-service training or learning action cell (LAC) that covers teaching and training of ways and means on how teachers could make collaborative learning possible through the use of different modern-day applications like Google Breakout Rooms, Open Broadcaster Software (OBS), and other platforms to assure learners would still be able to interact and learn with peers amid the pandemic. Future researchers were also suggested to improve research instrument and try to enlarge the number of respondents to see if the test of relationship would lead to different result.*

*Keywords: Online Collaborative Learning, Most Essential Learning Competency, Peer-teaching*