

COGNITIVE LOAD IN MUSICAL PERFORMANCE: CAPABILITY DEVELOPMENT OF 21st CENTURY VOCATIONAL SCHOOL STUDENTS

by Ayu Niza Machfauzia, Anwar Efendi, Herwin Yogo Wicaksono

ABSTRACT

Cognitive Load relates to techniques for managing working memory load to facilitate changes in long-term memory associated with schema construction and automation. Cognitive Load distinguishes between three types of cognitive load, namely intrinsic, extraneous, and germane. The aim of study was to determine the type of cognitive load of the students of SMK Negeri 2 Kasihan Bantul in presenting musical works which is a capability that needs to be possessed in the 21st century. Survey research was used to obtain information on what kind of cognitive load the students of SMK Negeri 2 Kasihan Bantul had in presenting musical works. The research sample is class XII students who take the competency exam totaling 45 people, and selected randomly. Data were analyzed using percentages. The results showed that 24.4% (11 students) had extraneous cognitive load; 57.7% (26 students) have intrinsic cognitive load; and 17.7% (8 students) had a close cognitive load (germane).

Kata Kunci: *cognitive load, intrinsic, extraneous, germane, music*