

# Critical Thinking Ability of High School Students in STEM Learning Integrated ethnosience

**Zaenal Abidin<sup>1</sup>, Edi Junaedi<sup>1</sup>, Iin Inaya<sup>1</sup>**

<sup>1</sup>Biology Education Study Program Universitas Kuningan

This study aims to determine the effect of the application STEM learning integrated ethnosience on critical thinking skills of high school students. The research method used is Quasi experimental design. The population in this study were students of class X MIPA at SMAN 3 Kuningan. The results of the t-test hypothesis test from the experimental class and the control class, namely H0 are rejected, and H1 is accepted, because  $t_{count} > t_{table}$ , which is  $20.1 > 2.65$ , this shows that there is an effect of STEM learning on the critical thinking skills of high school students.

Keywords: STEM learning, ethnosience, critical thinking