

ABSTRACT

Yuki Rizki Fauzi. *Influence Method Quantum Learning with Technique Probing against Enhancement Ability Think Critical Maatematis and Self-Efficacy high school students.*

Mathematics is wrong one eye lesson subjects taught at each level education. Ability think critical mathematical very needed student in understand mathematic. But ability think critical mathematical student evidently still low. One of them alternative learning that can increase ability think critical mathematical is method Quantum Learning with technique Probing. Aim research this is for 1) knowing is ability think critical mathematical gain method learning Quantum Learning with technique Probing more high of the students who get learning expository, 2) knowing Self-efficacy student obtain method Quantum Learning with technique Probing more good of the of the students who get learning expository and 3) for knowing effectiveness method Quantum Learning with technique Probing toability think critical mathematic. Research this use quasi experiment. Population in research this is all student class X Angkasa high school year 2017-2018 teachings. Sample research this is studentclass X MIA B and X MIA C Angkasa high school as much two selected class on a random according to class. Instruments used in research this in the form of test ability think critical mathematical and questionnaire self-efficacy who uses scale Likert. Test and questionnaire tested try it especially formerly in class XI MIA. Analysis using SPSS 20. Based program analysis of results research, obtained conclusion 1) ability think critical mathematical students who get method Quantum Learning with technique Probing more high of the of the students who get learning expository, 3) Self-efficacy students who get method Quantum Learning with technique Probing more good of the of the students who get learning expository 3) method Quantum Learning with technique effective Probing forincrease ability ber thought critical mathematical student. By because of that that method learning Quantum Learning with technique Probing made something alternative for teachers inside doing learning for creating will atmosphere active learning and fun.

Keywords: *Thinking Critical Mathematically, Method Quantum Learning with Technique Probing, Self-efficacy.*