

## ABSTRAK

Marsella, Afrisca. 2021. *Pengaruh Model Pembelajaran Problem Solving Terhadap Keterampilan Berfikir Kreatif Siswa Kelas XI SMA Antartika Sidoarjo Di Masa Pandemi Covid-19*. Skripsi. Program Studi Pendidikan Matematika. Fakultas Sains dan Teknologi. Universitas PGRI Adi Buana Surabaya. Pembimbing (1) Nur Fathonah, S.Pd., M.Pd. (2) Annisa Dwi Sulistyanningtyas, S.Si., M.Si.

Kata Kunci : *Model Pembelajaran Problem Solving, Keterampilan Berfikir Kreatif*

Model pembelajaran yang bisa digunakan dalam membantu siswa dalam memecahkan persoalan matematika salah satunya menggunakan model pembelajaran *Problem Solving*. Hal tersebut yang menjadi latar belakang dalam penelitian ini yang memunculkan rumusan masalah yaitu “Apakah ada Pengaruh Model Pembelajaran *Problem Solving* terhadap Keterampilan Berfikir Kreatif Siswa Kelas XI SMA Antartika Sidoarjo di Masa Pandemi Covid-19?”. Pada penelitian ini, peneliti menggunakan pendekatan kuantitatif metode *Control-Group posttest only Design*. Populasi yang digunakan adalah siswa kelas XI SMA Antartika Sidoarjo yang memperoleh dua kelas yaitu kelas XI MIPA-8 dan kelas XI MIPA-5. Sedangkan teknik pengumpulan data menggunakan tes posttest yang dianalisis menggunakan uji-t dengan uji prasyarat yaitu uji normalitas dan uji homogenitas. Dari analisis data, diperoleh nilai  $t_{hitung}$  sebesar 2,32798 dan nilai  $t_{tabel}$  sebesar 2,03693 dengan taraf signifikan 0,05. Jika dibandingkan,  $t_{hitung} = 2,32798 > t_{tabel} = 2,03693$ . Hal ini menunjukkan bahwa ada pengaruh model pembelajaran *problem solving* terhadap keterampilan berfikir kreatif siswa kelas XI SMA Antartika Sidoarjo di masa pandemi covid-19.

## ABSTRACT

Marsella, Afrisca. 2021. The Effect of the Problem Solving Learning Model Against Creative Thinking Skills for Class XI Students of SMA Antartika Sidoarjo During the Covid-19 Pandemic. Thesis. Mathematics Education Study Program. Faculty of Science and Technology. PGRI Adi Buana University Surabaya. Advisors (1) Nur Fathonah, S.Pd., M.Pd. (2) Annisa Dwi Sulistyaningtyas, S.Si., M.Si.

Keywords: Problem Solving Learning Model, Creative Thinking Skills

One of the learning models that can be used to help students solve math problems is the Problem Solving learning model. This is the background in this research which raises the problem formulation, namely "Is there an influence of the Problem Solving Learning Model on Creative Thinking Skills of Class XI Students of SMA Antartika Sidoarjo during the Covid-19 Pandemic?". In this study, researchers used a quantitative approach to the Control - Group posttest only design method. The population used was class XI SMA Antartika Sidoarjo who obtained two classes, namely class XI MIPA-8 and class XI MIPA- 5. While the data collection technique used the posttest test which was analyzed using the t-test with prerequisite tests, namely normality test and homogeneity test. From the data analysis, it was obtained the  $t_{\text{count}}$  value of 2.32798 and the  $t_{\text{table}}$  value of 2.03693 with a significant level of 0.05. When compared,  $t_{\text{count}} = 2.32798 > t_{\text{table}} = 2.03693$ . This shows that there is an effect of the problem solving learning model on the creative thinking skills of class XI students of SMA Antartika Sidoarjo during the Covid-19 pandemic.