

## ABSTRAK

**Ulfa Maya Sari Nurza. 8176182054. Pengaruh Model Pembelajaran Inquiry Terhadap Keterampilan Proses Sains dan Kemampuan Berpikir Kritis Pada Materi Organ Gerak Pada Manusia Di Kelas V SD Negeri 050666 Lubukdalam Kecamatan Stabat Prodi Pascasarjana 2021.**

Penelitian ini bertujuan untuk mengetahui: (1) Pengaruh model pembelajaran *inquiry* terhadap keterampilan proses sains pada materi organ gerak pada manusia di kelas V SD Negeri 050666 Lubukdalam Kecamatan Stabat; (2) Peningkatan Keterampilan proses sains dengan menggunakan model pembelajaran *inquiry* pada mata materi organ gerak pada manusia di kelas V SD Negeri 050666 Lubukdalam Kecamatan Stabat; (3) Pengaruh model pembelajaran *inquiry* terhadap kemampuan berpikir kritis pada materi organ gerak pada manusia di kelas V SD Negeri 050666 Lubukdalam Kecamatan Stabat; (4) Peningkatan kemampuan berpikir kritis dengan model pembelajaran *inquiry* pada mata materi organ gerak pada manusia di kelas V SD Negeri 050666 Lubukdalam Kecamatan Stabat. Penelitian menggunakan pretest dan posttest non equivalent control group design. Instrument dalam penelitian ini yaitu tes keterampilan proses sains dan kemampuan berpikir kritis. Adapun analisis data menggunakan uji-t dan *gain score*. Dari hasil penelitian menunjukkan: (1) model pembelajaran *inquiry* berpengaruh terhadap keterampilan proses sains, hal ini berdasarkan nilai  $t_{hitung}$  ( $=0,000$ ) sehingga terdapat perbedaan karena  $sig$  (2-tailed)  $< 0,05$  dan  $t_{hitung}$  bernilai positif sehingga  $H_0$  ditolak; (2) terdapat peningkatan keterampilan proses sains dengan menggunakan model pembelajaran *inquiry*, hal ini berdasarkan nilai *gain score*; (3) model pembelajaran *inquiry* berpengaruh terhadap kemampuan berpikir kritis, hal ini berdasarkan nilai  $t_{hitung}$  ( $=0,000$ ) sehingga terdapat perbedaan karena  $sig$  (2-tailed)  $< 0,05$  dan  $t_{hitung}$  bernilai positif sehingga  $H_0$  ditolak; (4) terdapat peningkatan kemampuan berpikir kritis dengan model pembelajaran *inquiry*, hal ini berdasarkan *gain score*.

**Kata Kunci: Model Pembelajaran *Inquiry*, Keterampilan Proses Sains, Kemampuan Berpikir Kritis.**

## **ABSTRACT**

**Ulfa Maya Sari Nurza. 8176182054. Effect of Inquiry Learning Model on Science Process Skills and Critical Thinking Ability in Human Movement Organs in Class V Public Elementary School 050666 Lubukdalam Stabat. Postgraduate Program 2021.**

This research aims to find out: (1) The effect of the inquiry learning model on science process skills on human movement organ material in the fifth grade of state elementary school 050666 Lubukdalam Stabat; (2) Increasing science process skills by using the inquiry learning model in the eye organ movement material in humans in the fifth grade of state elementary school 050666 Lubukdalam Stabat; (3) The effect of the inquiry learning model on the critical thinking ability of human movement organ material in the fifth grade of state elementary school 050666 Lubukdalam Stabat; (4) Increasing the ability to think critically with the inquiry learning model in the eyes of the movement organ material in humans in the fifth grade of state elementary school 050666 Lubukdalam Stabat. This study used a pretest and posttest non equivalent control group design. The instrument in this study was a test of science process skills and critical thinking skills. The data analysis used t-test and gain score. The results showed: (1) the inquiry learning model has an effect on science process skills, this is based on the value of  $t_{count}$  (= 0.000) so there is a difference because sig (2-tailed) <0.05 and  $t_{count}$  is positive so that  $H_0$  is rejected; (2) there is an increase in science process skills improvement by using the inquiry learning model, this is based on the gain score; (3) the inquiry learning model has an effect on critical thinking skills, this is based on the value of  $t$  (= 0.000) so there is a difference because sig (2-tailed) <0.05 and  $t_{count}$  is positive so that  $H_0$  is rejected; (4) there is an increase in critical thinking skills with the inquiry learning model, this is based on the gain score.

**Keywords: Inquiry Learning Model, Science Process Skills, Critical Thinking Skills.**

