

Ida Damayanti. 2015. Penerapan Model Inkuiri Terbimbing Berbantuan Science Comic Terhadap Keterampilan Proses Sains. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing 1 Yunin Hidayati, Pembimbing 2 Irsad Rosidi.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh, keterampilan proses sains, keterlaksanaan pembelajaran dan respon siswa setelah penerapan model inkuiri terbimbing berbantuan *science comic* terhadap keterampilan proses sains pada materi tata surya. Jenis penelitian adalah penelitian eksperimen dengan desain Quasi Experimental. Waktu penelitian dilaksanakan pada semester genap tahun ajaran 2018/2019. Populasi dalam penelitian adalah siswa kelas VII UPTD SMPN 1 Labang. Sampel diambil dengan teknik *purposive sampling*. Sampel yang digunakan VII-A sebanyak 26 siswa sebagai kelas eksperimen dan VII-B sebanyak 27 siswa sebagai kelas kontrol. Analisis data menggunakan statistik deskriptif dan uji t sampel bebas. Berdasarkan hasil penelitian dapat disimpulkan bahwa: (1) model inkuiri terbimbing berbantuan *science comic* berpengaruh terhadap keterampilan proses sains dengan uji t sampel bebas $-t_{hitung} < t_{tabel} < t_{hitung}$ $(-2,612 < 2,007 < 2,612)$, (2) keterampilan proses sains pada kelas eksperimen lebih baik dari pada kelas kontrol dengan hasil pada kelas eksperimen sebesar 63% dengan kategori baik dan kelas kontrol sebesar 57% dengan kategori baik, (3) persentase keterlaksanaan model pembelajaran inkuiri terbimbing berbantuan *science comic* yaitu 93% dengan kategori sangat baik, (4) Respon siswa diperoleh nilai sebesar 81% dengan kategori sangat baik.

Kata kunci : Model Inkuiri Terbimbing, *Science Comic*, Keterampilan Proses Sains.

Ida Damayanti. 2015.*The Application of guided inquiry models assisted science comic towards science process skills.* Thesis, Natural Science Education, Education Fakulty, Trunojoyo University. Advisor 1 Yunin Hidayati, Advisor 2 Irsad Rosidi.

ABSTRACT

This study aims to determine the influence, science process skills, the implementation of learning and students response after the application of guided inquiry models assisted science comic towards science process skills on solar system. This type of research is a type of experimental research with Quasi Experimental design. This study was conducted in even semester of 2018/2019. The population in this study is the student of class VII of UPTD SMPN 1 Labang. Samples taken with Purposive Sampling technique. The sample used is class VII-A of 26 students as experimental class and class VII-B of 27 students as control class. The data analysis used descriptive statistics and free sample t-test. Based on the result of the reaseach, it can be concluded: (1) Guided inquiry models assisted science comic towards science process skills with value free sample t-test $-t_{hitung} < t_{tabel} < t_{hitung}$ ($-2,612 < 2,007 < 2,612$), (2) science process skills in the experimental class were better than the control class with the results in the experimental class of 63% in the good category and control class is 57% in the medium category, (3) percentage of guided inquiry with science comic assistedis 93% with very good category, (4) student responses obtained a value of 81% with very good category.

Keywords : Guided inquiry learning, Science comic, Science process skills.