

ABSTRAK

Maria Evarista Oktaviane Barut. 2016. Efektivitas Model Pembelajaran *Inquiry* Pada Sub Pokok Bahasan Aturan Sinus Dan Kosinus Ditinjau Dari Minat Dan Prestasi Belajar Siswa Kelas X-B SMA BOPKRI 2 Yogyakarta. Skripsi. Program Studi Pendidikan Matematika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma.

Penelitian ini bertujuan untuk (1) mengetahui keterlaksanaan pembelajaran matematika dengan model pembelajaran *inquiry*, (2) mengetahui efektivitas model pembelajaran *inquiry* ditinjau dari minat belajar siswa pada sub pokok bahasan aturan sinus dan kosinus (3) mengetahui efektivitas model pembelajaran *inquiry* ditinjau dari prestasi belajar siswa pada sub pokok bahasan aturan sinus dan kosinus..

Penelitian ini menggunakan jenis penelitian deksriptif kualitatif-kuantitatif. Subyek dalam penelitian ini adalah siswa kelas X-B SMA BOPKRI 2 Yogyakarta yang berjumlah 26 orang. Adapun instrumen yang digunakan dalam penelitian ini adalah (1) lembar observasi aktivitas siswa, (2) lembar observasi keterlaksanaan pembelajaran *inquiry*, (3) pedoman wawancara tanggapan siswa, (4) angket minat belajar siswa, (5) tes prestasi belajar siswa. Data aktivitas siswa, keterlaksanaan pembelajaran *inquiry*, dan wawancara tanggapan siswa akan dianalisis secara kualitatif. Sedangkan data tes prestasi belajar dan minat belajar siswa dianalisis dengan menghitung skor total yang diperoleh dan dibandingkan dengan kategori yang telah ditetapkan.

Berdasarkan analisis maka diperoleh hasil sebagai berikut, (1) pembelajaran matematika dengan model *inquiry* pada sub pokok bahasan aturan sinus dan kosinus telah terlaksana dengan baik (2) Hasil analisis tes prestasi belajar menunjukkan 57,69% siswa berada pada kategori prestasi belajar cukup-baik-sangat baik, maka pembelajaran *inquiry* efektif ditinjau dari prestasi belajar siswa, (3) Hasil analisis angket minat belajar menunjukkan 88,46% siswa berada pada kategori minat belajar tinggi-sangat tinggi, maka pembelajaran *inquiry* efektif ditinjau dari minat belajar siswa.

Kata Kunci: efektivitas, model, pembelajaran, *inquiry*, minat, prestasi, belajar, aturan, sinus, kosinus.

ABSTRACT

Maria Evarista Oktaviane Barut. 2016. The Effectiveness of *Inquiry* Learning Model on Sine and Cosine Rule Topics Judged by Interest and Learning Achievement for Grade X-B of BOPKRI 2 Yogyakarta Senior High School. Undergraduated Thesis. Mathematics Education Study Program, Department Mathematics and Science Education, Faculty of Training and Education, Sanata Dharma University.

The aim of this research is (1) to determine how the mathematic study accomplishment is by using *inquiry* model (2) to determine the effectiveness of using inquiry model as seen from the students' interest to study on the subtopic of sinus and cosinus rules and (3) to determine the effectiveness of using inquiry model as seen from the students' study achievement on the subtopic of sinus and cosinus rules.

This research used the qualitative-quantitative descriptive method. The subject of this research is the 26 students of X-B BOPKRI 2 Senior High School Yogyakarta. The instruments used in this research are (1) student's activity observation sheet (2) inquiry model study accomplishment observation sheet (3) the guideline of students' respond interview (4) questionnaire on the students' study interest and (5) the students' study achievement test. The students' activity data, the inquiry model study accomplishment, and the students' respond interview will be analyzed qualitatively. The students' study achievement test data and the the students' study interest will be analyzed by counting the total score gained and will be compared with the defined category.

Based on the analysis, some results are gotten, (1) the study of mathematics with the inquiry model on the subtopic of sinus and cosinus has been well-conducted , (2) The result of the study achievement test analysis shows that 57,69% students are on the category of enough-good-very good study achievement category, so the the inquiry model is effective as seen from the students study achievement. (3) The questionnaire analysis of the students' study interest shows that 88,46% students are on the high-very high category, so the *inquiry* study model is effective as seen from the students' interest.

Kata Kunci: effectiveness, model, learning, inquiry, interest, achievement, study, r ules, sine, cosine