

Analisis Implementasi *Scientific Approach* dalam Proses Pembelajaran IPA SMP Kurikulum 2013

ABSTRAK

Studi bertujuan untuk menganalisis implementasi *scientific approach* dalam proses pembelajaran IPA kelas VII SMP di salah satu sekolah *piloting* Kurikulum 2013 di kota Bandung dengan metode kualitatif. Sebanyak 75 orang siswa kelas VII dan dua orang guru IPA terlibat sebagai subjek penelitian. Lembar analisis RPP, lembar analisis buku IPA, lembar observasi implementasi *scientific approach*, lembar observasi aktivitas belajarsiswa, dan angket sikap ilmiah siswa digunakan sebagai instrumen. *Scientific approach* yang diukur adalah yaitu mengamati, menanya, mengumpulkan informasi/eksperimen, mengasosiasikan/mengolah informasi, dan mengkomunikasikan. Indikator sikap ilmiah yang diukur adalah yaitu rasa ingintahu, mengutamakan bukti, bersikap skeptis, menerima perbedaan, mampu bekerjasama, dan bersikap positif terhadap kegagalan. Hasil penelitian menunjukkan bahwa RPP yang dibuat oleh guru berada pada kategori kurang dengan nilai rata-rata sebesar 57,08%. Nilai rata-rata analisis buku IPA adalah 55,55% dengan kategori kurang. Hasil implementasi *scientific approach* dalam proses pembelajaran sudah terlaksana sebesar 78,7% di kelas dengan kategori baik. Aktivitas belajarsiswa dan sikap ilmiah siswa dapat terlihat dalam penerapan *scientific approach*. Rata-rata nilai aktivitas belajarsiswa adalah sebesar 70,84% dengan kriteria cukup. Profil sikap ilmiah siswa berada pada kategori baik dengan nilai rata-rata 77,03%. Hubungan korelasi antara aktivitas belajarsiswa dan sikap ilmiah siswa untuk kelas A adalah 0,228 dan untuk kelas H adalah 0,143 yang menunjukkan adanya hubungan yang sangat lemah dan positif. Hasil penelitian ini dapat dijadikan masukan dalam rangka perbaikan mutu pembelajaran IPA di SMP.

Kata Kunci : Kurikulum 2013, *Scientific Approach*, Aktivitas Belajar Siswa, Sikap Ilmiah

The Analysis of Scientific Approach Implementation in Junior High School Science Learning of the 2013 Curriculum

ABSTRACT

The purpose of the study is to analyze the scientific approach implementation in second grade junior high school science learning in one of piloting school which implementing 2013 curriculum in Bandung city by using qualitative method. There are 75 students and two teachers involved in this study as the research subjects. Analysis protocol, lesson plans, Science books analysis, science approach implementation observation protocols, student's activities observation protocol, and scientific attitude questionnaire are employed as the instruments. There are five components of the scientific approach that was measured during the research, they are observing, questioning, gathering information/experiment, associating/information processing, and communicating. Scientific attitude indicators that were measured consists of six components, they are curiosity, evident priority, skeptic, respect differences, able to work in group, and positive towards failure. The result of the study showed that the lesson plans that were made by the teachers rated in the category less with an average score of 57.08%. The average score of the science book analysis was 55.55% rated with fewer categories. The results of the implementation of the scientific approach in the learning process which has been implemented by 78.7% in the class with good category. Student learning activities and students' scientific attitude can be seen in the application of the scientific approach. The average score of student learning activities amounted to 70.84% with sufficient criteria. Profile scientific attitude of students is in the good category with an average score of 77.03%. Correlation between students' learning activities and scientific attitude of students to class A are 0.228 and 0.143 for class H suggesting a very weak correlation and positive. The results of this study can be used as a source of information to improve the quality of science teaching in junior high school.

Keywords: 2013 Curriculum, Scientific Approach, Student Activity, Scientific Attitude

