

ABSTRAK

PENGEMBANGAN PETUNJUK PRAKTIKUM IPA BERBASIS LINGKUNGAN MASYARAKAT PESISIR UNTUK SISWA KELAS IX SMPN 5 SUMENEP

Oleh: Fitriya Mardalina

Permasalahan yang dialami oleh siswa kelas IX SMPN 5 Sumenep adalah (1) petunjuk praktikum IPA belum memuat komponennya secara jelas dan lengkap, (2) petunjuk praktikum yang digunakan di kelas IX belum diintegrasikan dengan lingkungan masyarakat pesisir. Hal tersebut menjadikan proses pembelajaran kurang bermakna bagi siswa. Tujuan penelitian ini adalah untuk mengetahui kelayakan serta respon siswa terhadap petunjuk praktikum IPA berbasis lingkungan masyarakat pesisir. Penelitian ini merupakan penelitian dan pengembangan (*Research and Development*) dengan menggunakan model 4-D. Instrumen pengambilan data yang digunakan terdiri dari instrumen kelayakan produk dan instrumen respon siswa. Uji coba awal (*Initial Testing*) dilakukan kepada 5 siswa dan uji coba kuantitatif (*Quantitative Testing*) dilakukan kepada 31 Siswa. Hasil kelayakan petunjuk praktikum IPA berbasis lingkungan masyarakat pesisir dari hasil validasi aspek materi dan desain memperoleh rata-rata persentase 100% dengan kategori sangat layak. Hasil respon siswa terhadap petunjuk praktikum IPA berbasis lingkungan masyarakat pesisir memperoleh persentase 95% dengan kategori sangat baik sehingga petunjuk praktikum IPA berbasis lingkungan masyarakat pesisir sangat layak digunakan sebagai bahan ajar untuk melaksanakan kegiatan praktikum.

Kata kunci: *Petunjuk Praktikum, IPA, Pesisir, 4-D*

ABSTRACT

DEVELOPMENT OF PRACTICAL INSTRUCTION OF SCIENCE BASED ON COASTAL SOCIETY ENVIRONMENT FOR IX (THIRD) GRADE STUDENTS OF SMPN 5 SUMENEP

By: Fitriya Mardalina

The problems which is had by third grade students of SMPN 5 Sumenep are (1) the practical instruction of science have not contained the component clearly and completely; (2) the practical instruction of science in the third grade have not been integrated by coastal society environment. That case causes learning process is less meaningfull for students. The objectives of this research are to know the feasibility and the respond of students toward practical instruction of science based on coastal society environment. This research is a R&D (Research and Development) by using Four-D model. The instrument of data collection consist of instrument of product eligibility and instrument of student's respond. The initial testing was carried on 5 students and the quantitative testing was carried on 31 students. The feasibility results practical instruction of science based on coastal society environment from the validation of material aspects and the design obtained 100% average with a very decent category. The results of student's toward practical instruction of science based on coastal society environment obtained 95% average with a very good category so that practical instruction of science based on coastal society environment are very decent as a teaching learning materials to do practical activities.

Keywords: *Practical Instruction, Science, Coastal, Four-D*