

Husniyah 2019. *Pengembangan Perangkat Pembelajaran Model POE dengan Teknik Concept Mapping Terhadap Keterampilan Proses Sains*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Dosen Pembimbing 1) Yunin Hidayati 2) Nur Qomaria.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kelayakan, keterampilan proses sains, respons siswa, dan keterbacaan lembar kerja siswa. Penelitian dilaksanakan di UPTD SMP Negeri 2 Burneh pada kelas VIII-A tahun pelajaran 2018/2019. Model pengembangan menggunakan model 4D. Model pengembangan 4D terdiri dari 3 tahap yaitu pendefinisian, perancangan, pengembangan, tanpa melalui proses penyebaran. Desain penelitian yang digunakan adalah *One Shot Case Study*. Perangkat pembelajaran model POE dengan teknik *concept mapping* dikembangkan kemudian dinilai dari kelayakan perangkat, tes keterampilan proses sains, respons siswa, dan keterbacaan lembar kerja siswa. Hasil rata-rata penilaian kelayakan perangkat oleh ahli perangkat adalah validitas 94,78% reliabilitas 95,89% atau layak digunakan tanpa revisi. Kelayakan oleh ahli materi adalah validitas 87,50% reliabilitas 91,67% atau layak digunakan tanpa revisi.

Kata Kunci: *Concept Mapping*, Keterampilan Proses Sains, POE

Husniyah 2019. *Development POE Model Learning Instruktional With Concept Mapping Technique Of The Science Process Skills. Thesis, Natural Science Education. Education Faculty. University of Trunojoyo Madura. Advisor: 1) Yunin Hidayati, 2) Nur Qomaria*

ABSTRACT

This study aimed to determine the validity, science process skills, student responses and student worksheets readability. This study is conducted at UPTD SMPN 2 Burneh in class VIII-A of the academic period 2018/2019. The development of a model used a 4D model. The development of the 4D model consists of 4 stages of definition, design, development, without dessiminate. The research design used is one shot case study. POE model learning instructional with concept mapping technique development then assessed from validity, test science process skills, student responses, and student worksheets readability. The average result of validity assessment by educational expert validity 94,78% reliability 95,89% or worth did without revision. The validity of the material expert is 87,50% validity 91,67% realibility or feasible to use without revision.

Keywords: *Concept Mapping, Science Prosess Skills, POE*