

Diyah Nur Rahmawati. 2018. *Pengembangan Komik Sains Berbasis Problem Based Learning Sebagai Bahan Ajar Materi Tekanan Zat*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing I Yunin Hidayati dan Pembimbing II Ana Yuniasti Retno Wulandari.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kelayakan, keterbacaan, dan respon siswa terhadap bahan ajar komik sains berbasis PBL pada materi Tekanan Zat. Penelitian dilaksanakan di SMP Negeri 2 Gondang pada kelas VIII tahun ajaran 2017/2018. Model pengembangan menggunakan ADDIE yang terdiri dari 5 tahap yaitu *analyze, design, development, implementation, dan evaluation*. Hasil penilaian pakar terhadap bahan ajar komik sains berbasis PBL memperoleh kriteria sangat layak dengan presentase penilaian pakar bahan ajar 97,11% dan reliabilitas 97,50%. Validitas dari pakar materi memperoleh presentase sebesar 88,75% dan reliabilitas 92,50%. Hasil penilaian keterbacaan bahan ajar memperoleh kriteria sangat baik dengan rerata sebesar 87,29% dan hasil penilaian respon siswa memperoleh kriteria sangat menarik dengan rerata sebesar 85,83%.

Kata kunci: Bahan ajar, Komik sains, dan *Problem Based Learning*.

Diyah Nur Rahmawati. 2018. *Developing of Science Comic Based Problem Based Learning as Instructional Learning on Pressure Substance* . Thesis, Natural Science Education Study Program, Education Faculty, Trunojoyo University. Advisor I Yunin Hidayati and Advisor II Ana Yuniasti Retno Wulandari.

ABSTRACT

The aim of this research was to know the validity, readable, and student's responses of science comic instructional learning based PBL on pressure substance. This research was conducted at SMPN 2 Gondang on VIII grade in academic year 2017/2018. The development of this research used ADDIE models that consist of five steps: *analyze, design, development, implementation, and evaluation*. The validation result showed that science comic based PBL had very validity as instructional learning by score percentage from instructional learning expert 97,11% and reliability 97,50%. The validity of material expert had score percentage 88,75% and reliability 92,50%. The result of readable of instructional learning had very good category by score percentage 87,29% and student's responses had very good category by score percentage 85,83%.

Keyword: Instructional Learning, Science Comic, and Problem Based Learning.