PENGEMBANGAN BAHAN AJAR KIMIA KELAS X SEMESTER GENAP TERINTEGRASI MODEL POGIL (*PROCESS ORIENTED GUIDED INQUIRY LEARNING*) UNTUK MENINGKATKAN MOTIVASI DAN HASIL BELAJAR

Rizka Putri Iranda (NIM. 8226142004)

ABSTRAK

Penelitian ini bertujuan mengetahui (1) kelayakan bahan ajar kimia yang terintegrasi model POGIL (*Process Oriented Guided Inquiry Learning*) sesuai standar BSNP (2) Untuk mengetahui hasil belajar peserta didik menggunakan bahan ajar kimia terintegrasi model POGIL (*Process Oriented Guided Inquiry Learning*) (3) Untuk mengetahui motivasi belajar peserta didik menggunakan bahan ajar kimia terintegrasi model POGIL (*Process Oriented Guided Inquiry Learning*). Penelitian ini termasuk ke dalam penelitian pengembangan model ADDIE (*Analysis, Design, Development, Implementation, and Evaluation*). Sampel dalam penelitian ini adalah peserta didik kelas X MIPA 1 dan X MIPA 2 di SMA Satrya Budi Perdagangan yang berjumlah tiap kelas 30 orang. Hasil penelitian menunjukan kelayakan yang dinilai oleh 6 validator ahli sesuai standar BSNP, untuk aspek kelayakan materi diperoleh rata-rata 3,5, untuk aspek kelayakan bahasa diperoleh rata-rata 3,6, untuk aspek kelayakan penyajian diperoleh rata-rata 3,4, dan untuk aspek kelayakan kegrafikan diperoleh rata-rata 3,7. Berdasarkan hasil uji kelayakan, bahan ajar layak digunakan. Hasil belajar peserta didik dengan menggunakan bahan ajar terintegrasi model POGIL lebih tinggi daripada hasil belajar peserta didik menggunakan bahan ajar di sekolah di buktikan dengan menggunakan SPPS 26 *for windows* dimana nilai Sig. 0,045 < 0,05. Motivasi belajar peserta didik yang menggunakan bahan ajar terintegrasi model pembelajaran POGIL sebesar 92, 42 % dengan kategori sangat baik. Respon peserta didik diperoleh hasil nilai rata-rata sebesar 89,77 % menunjukkan terdapat respon peserta didik sangat baik

Kata Kunci: bahan ajar, kelayakan, POGIL *(Process Oriented Guided Inquiry Learning)*, hasil belajar, motivasi

DEVELOPMENT OF CHEMISTRY TEACHING MATERIALS FOR GRADE X EVEN SEMESTER INTEGRATED WITH POGIL (PROCESS ORIENTED GUIDED INQUIRY LEARNING) MODEL TO IMPROVE MOTIVATION AND LEARNING OUTCOMES

ABSTRACT

Rizka Putri Iranda (NIM. 8226142004)

This reaserch aims to determine (1) the eligibility of integrated chemistry teaching materials using the POGIL (Process Oriented Guided Inquiry Learning) model according to BSNP standards (2) To determine the learning outcomes of students using integrated chemistry teaching materials using the POGIL (Process Oriented Guided Inquiry Learning) model (3) To determine the learning motivation of students using integrated chemistry teaching materials using the POGIL (Process Oriented Guided Inquiry Learning) model. This research is included in the ADDIE (Analysis, Design, Development, Implementation, and Evaluation) model development research. The sample in this study were students of class X MIPA 1 and X MIPA 2 at SMA Satrya Budi Perdagangan, totaling 30 people in each class. The results of the study showed that the eligibility assessed by 6 expert validators according to BSNP standards, for the aspect of material feasibility obtained an average of 3.5, for the aspect of language feasibility obtained an average of 3.6, for the aspect of presentation feasibility obtained an average of 3.4, and for the aspect of graphic feasibility obtained an average of 3.7. Based on the results of the feasibility test, the teaching materials are suitable for use. The learning outcomes of students using integrated teaching materials of the POGIL model are higher than the learning outcomes of students using teaching materials at school as proven by using SPPS 26 for windows where the Sig. value is 0.045 <0.05. The learning motivation of students using integrated teaching materials of the POGIL learning model is 92.42% with a very good category. The average score obtained from the student responses was 89.77%, indicating that the student responses were very good.

Keyword : teaching materials, eligibility, POGIL *(Process Oriented Guided Inquiry Learning)*, learning outcomes, motivation, response