

ABSTRAK

Dini Safitri Al Karim. Pengembang Perangkat Pembelajaran Model Problem Based Learning (PBL) Berbasis Soal Hots untuk Meningkatkan Kemampuan Berpikir Kritis dan Self Efficacy Siswa di SMP Negeri 3 Medan.

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Penelitian ini bertujuan untuk mengetahui bagaimana kevalidan, kepraktisan dan keefektifan perangkat pembelajaran menggunakan model *problem based learning* (PBL) berbasis soal Hots untuk meningkatkan kemampuan berpikir kritis dan *self efficacy* dengan menggunakan perangkat pembelajaran yang dikembangkan, proses jawaban siswa dalam menyelesaikan soal-soal kemampuan berpikir kritis dan lembar angket *self efficacy* yang diberikan ke siswa. Penelitian ini merupakan penelitian pengembangan dengan model pengembangan 4-D. Penelitian ini dilaksanakan di SMP Negeri 3 Medan pada siswa kelas VIII. Dari hasil penelitian diperoleh bahwa: 1) Perangkat yang dikembangkan valid dengan (a) hasil validasi RPP rata-rata sebesar 3,4, lembar kerja peserta didik sebesar 3,6, Tes kemampuan berpikir kritis sebesar 3,8, dan lembar angket *Self Efficacy* sebesar 3,8. 1) Validitas perangkat pembelajaran menggunakan model *problem based learning* (PBL) menggunakan soal Hots meliputi RPP, LKPD, TKBK, Angket *Self Efficacy* yang dikembangkan termasuk dalam kategori valid; (2) Kepraktisan Perangkat pembelajaran yang dikembangkan telah memenuhi kriteria dari para ahli dan praktisi dan dapat digunakan; (3) Keefektifan perangkat pembelajaran menggunakan model *problem based learning* menunjukkan ketuntasan klasikal *pretest* siswa pada uji coba sebesar 20% dan *posttest* 87%; (4) Peningkatan kemampuan berpikir kritis menggunakan perangkat pembelajaran dengan model pembelajaran *problem based learning* yang dikembangkan diperoleh *N-Gain* sebesar 0,6 pada kategori sedang; (5) *Self-Efficacy* yang dimiliki oleh siswa diperoleh 80% dimana siswa memberikan respon positif terhadap perangkat pembelajaran yang dikembangkan/

Kata Kunci: Kemampuan Berpikir Kritis, Model 4-D, Pengembangan perangkat pembelajaran, *Problem Based Learning* (PBL), *Self Efficacy*

ABSTRACT

Dini Safitri Al Karim. Development of Learning Tools Model Problem Based Learning (PBL) Based on HOTS to Improve Students Critical Thinking Ability and Self Efficacy at SMP Negeri 3 Medan. Thesis. Medan: Medan State University Postgraduate Program. 2024.

This research aims to determine the validity, practicality and effectiveness of learning tools using the problem based learning (PBL) model based on Hots questions to improve critical thinking skills and self-efficacy by using the learning tools developed, the process of students' answers in solving critical thinking ability questions, and self-efficacy questionnaire sheets given to students. This research is development research with a 4-D development model. This research was carried out at SMP Negeri 3 Medan on class VIII students. From the research results it was found that: 1) The tools developed were valid with (a) the average RPP validation results were 3.4, student worksheets were 3.6, critical thinking ability tests were 3.8, and Self Efficacy questionnaire sheets were 3.8. 1) The validity of learning tools using the problem based learning (PBL) model using Hots questions including RPP, LKPD, TKBK, the Self Efficacy Questionnaire developed is included in the valid category; (2) Practicality of learning tools using the problem based learning model developed shows that the learning tools have met the criteria and can be used; (3) The effectiveness of learning tools using the problem based learning model shows that students' pretest classical completion in the trial was 10% and posttest 53%, 80% of students gave positive responses to the learning tools developed; (4) The ability to think critically using learning tools with the problem based learning model developed increases in terms of the average pretest, posttest and N-Gain.

Keywords: Development of learning tools, 4-D Model, Problem Based Learning (PBL) Model Critical Thinking Ability, Self Efficacy

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