

ABSTRAK

Vanya Mulyani. 2021. “Pengembangan Lembar Kerja Peserta Didik Berbasis *Problem Based Learning* Untuk Meningkatkan Keterampilan Berpikir Kreatif Peserta Didik Kelas XI SMA”. Tesis. Program Pascasarjana Universitas Negeri Padang.

Kreativitas merupakan hasil dari proses berpikir kreatif. Berpikir kreatif mengacu pada proses berpikir tingkat tinggi, karena keterampilan ini sangat diperlukan di era revolusi 4.0 karena kerumitan dalam semua aspek kehidupan modern. Berdasarkan wawancara yang peneliti lakukan dengan guru biologi didapatkan hasil sebagai berikut, yaitu peserta didik pasif dalam proses diskusi dan Tanya jawab, LKPD yang digunakan dalam pembelajaran belum menggunakan model pembelajaran yang dapat meningkatkan berpikir kreatif peserta didik. Rendahnya berpikir kreatif peserta didik berdasarkan angket yang telah disebarakan kepada 65 orang peserta didik, didapatkan hasil sebagai berikut , aspek berpikir lancar (*fluency*) kategori sedang , aspek berpikir luwes (*flexibility*) kategori sedang, aspek berpikir asli (orisinal) kategori rendah dan aspek berpikir rinci (*elaborative*) kateori rendah. Penelitian ini bertujuan untuk menghasilkan LKPD berbasis *Problem Based Learning* untuk meningkatkan keterampilan berpikir kreatif peserta didik kelas XI SMA.

Jenis Penelitian ini adalah penelitian pengembangan dengan menggunakan model Plom. Tahap model Plomp terdiri dari investigasi awal, pengembangan dan pembuatan prototype, dan penilaian. Subjek penelitian ini adalah peserta didik kelas XI MIPA SMA Negeri 2 Padang Tahun Pelajaran 2020/2021. Objek penelitian ialah LKPD berbasis *Problem Based Learning*. Instrumen yang digunakan pada penelitian ini adalah angket validitas dan angket praktikalitas serta soal efektivitas. Teknik analisis data validitas, praktikalitas menggunakan penskoran dengan skala *likert* dan efektivitas menggunakan *N-Gain Score* dan Uji-t dengan menggunakan SPSS 17.

Hasil Penelitian Menunjukkan Bahwa LKPD berbasis *Problem Based Learning* memperoleh kriteria sangat valid menurut expert review dengan nilai 83,25%. Kriteria praktikalitas respon guru sangat praktis dengan nilai 94,17% dan kriteria respon peserta didik sangat praktis dengan nilai 87,52%. Hasil uji efektivitas menunjukkan adanya pengaruh penggunaan LKPD berbasis *Problem Based Learning* dalam peningkatan keterampilan berpikir kreatif peserta didik. Berdasarkan hasil tersebut dapat disimpulkan bahwa LKPD berbasis *Problem Based Learning* yang dikembangkan dinyatakan valid, praktis dan efektif.

Kata Kunci : *LKPD, Problem Based Learning, Berpikir Kreatif*

ABSTRACT

Vanya Mulyani. 2021. "Development of Problem Based Learning Student Worksheet to Improve Creative Thinking Skills for senior high school of Class XI". Thesis. Graduated Pogram of Universitas Negeri Padang.

Creativity is the result of a creative thinking process. Creative thinking refers to higher-order thinking processes, because these skills are very much needed in the 4.0 revolution era because of the complexity in all aspects of modern life. Based on interviews that researchers conducted with biology teachers, the following results were obtained, namely passive students in the discussion and question and answer process, LKPD used in learning did not use learning models that could improve students' creative thinking. The low creative thinking of students based on a questionnaire that has been distributed to 65 students, the results obtained are as follows, the aspect of fluent thinking (fluency) is in the medium category, the aspect of flexible thinking is in the medium category, the aspect of original thinking is in the low category, and the aspect of thinking is in the low category. detailed (elaborative) low category. This study aims to produce LKPD based on Problem Based Learning to improve the creative thinking skills of students in class XI SMA

The type of research is development research using the Plom model. The Plomp model stage consists of initial investigation, development and prototyping, and assessment. The subjects of this study were students of class XI MIPA SMA Negeri 2 Padang in the academic year 2020/2021. The object of this research is LKPD based on Problem Based Learning. The instruments used in this research are validity and practicality questionnaires as well as a matter of effectiveness. Data analysis technique validity, practicality using a Likert scale scoring and effectiveness using N-Gain Score and T-test using SPSS 17.

The results showed that the Problem Based Learning-based LKPD obtained very valid criteria according to expert review with a value of 83.25%. The criteria for the practicality of the teacher's response are very practical with a value of 94.17% and the student response criteria are very practical with a value of 87.52%. The results of the effectiveness test show that there is effect of using LKPD based on problem based learning in improving student's creative thinking skills. Based on these results, it can be concluded that the Problem Based Learning-based worksheets developed are declared valid, practical and effective.

Keywords: Student Worksheet, Problem Based Learning, Creative Thinking.