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and Ethnoscience to Improve Students' Thinking Skills

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No	Tanggal	Aktivitas
1	7 Januari 2019	Submit manuskrip di JPII via OJS
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5	31 Oktober 2019	Upload revisi 2 di OJS
6	05 Desember 2019	Hasil review tahap ketiga sudah ada di OJS.
7	26 Desember 2019	Upload revisi 3 di OJS
8	27 Desember 2019	Hasil review tahap keempat sudah ada di OJS.
9	28 Desember 2019	Upload revisi 4 di OJS
10	27 Desember 2019	Artikel accepted dan diminta membayar biaya publikasi.
11	30 Desember 2019	Diberikan LoA
12	31 Desember 2019	Artikel terbit

1. Submit manuskrip di JPII via OJS

[JPII] Submission Acknowledgement D Inbox x



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Prof. Dr. Sudarmin Sudarmin:

Thank you for submitting the manuscript, "THE EFFECTIVENESS OF PROBLEM-BASED LEARNING INTEGRATED WITH GREEN CHEMISTRY AND ETHNOSCIENCE TO DEVELOP STUDENTS' THINKING SKILLS AND LEARNING OUTCOMES" to Jurnal Pendidikan IPA Indonesia. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

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Submission

Authors S. Sudarmin, L. Zahro, S. E. Pujiastuti, R. Asyhar, Z. Zaenuri, A. Rosita

Title The Development of PBL-Based Worksheets Integrated with Green Chemistry

and Ethnoscience to Improve Students' Thinking Skills

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Submitter Prof. Dr. Sudarmin

Date submitted January 7, 2019 - 05:29 AM

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- 2. Hasil review tahap pertama sudah ada di OJS.
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Round 1

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10. Artikel accepted dan diminta membayar biaya publikasi.

Manuscript Update D 9 Z



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© Fri, Dec 27, 2019, 10:23 AM ☆ ☆ :

Dear authors.

Congratulations. Your article has been chosen to publish on JPII December 2018 Issue. In regards to the publication, we hereby attach three files consisting of your latest article (from SELECT as our co-partner), letter of statement, and declaration of originality.

We encourage you to:

1). Read carefully the latest article that has been through our final review;

2). Read carefully the declaration of originality, sign the letter, and upload on your OJS account as the supplementary file;

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The publication fee, amounting to Rp 2.750.000,00 could be made to:

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We are waiting for your response and congratulations once more. Thank you for your cooperation.

All the best, JPII Team

11. Diberikan LoA

Manuscript Update ▷



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@ Mon, Dec 30, 2019, 8:10 PM

to Sudarmin 🔻

Dear Authors,

Enclosed are the LoA and final manuscript.

Please upload the Declaration of Originality and Letter of Statement on your OJS account. If you have done it, please leave as it is.

Congratulations once more.

Sincerely,

JPII Team



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LETTER OF ACCEPTANCE JURNAL PENDIDIKAN IPA INDONESIA (JPII) No: 84/JPII/R.A./2019

The officials of Jurnal Pendidikan IPA Indonesia (JPII) (Nationally Accreditted and Indexed by Scopus) give special thanks for submitting article for December 2019 Edition. Based on reviewers' decision, we as the officials stated that:

Article Title: The Development of PBL-Based Worksheets Integrated with Green Chemistry and Ethnoscience to Improve Students' Thinking Skills

Authors : Sudarmîn, L. Zahro, Rr. S. E. Pujiastuti, R. Asyhar, Zaenuri, A. Rosita

is accepted and is going to be published in JPII December 2019 Edition.

The admision letter is made for appropriate use only. Thank you for the cooperation.

> Semarang, 26th December, 2019 Editor in Chief of JPII, Dr. Parmin, M.Pd. MIP 197901232006041003

12. Artikel terbit

JURNAL PENDIDIKAN IPA INDONESIA Indonesian Journal of Science Education

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The Development of PBL-Based Worksheets Integrated with Green Chemistry and Ethnoscience to Improve Students'

Thinking Skills

S. Sudarmin, L. Zahro, S. E. Pujiastuti, R. Asyhar, Z. Zaenuri, A. Rosita

Abstract

In today's global era, thinking skills are essential to be mastered by students. This research intended to develop and implement PBL-based worksheets integrated with green chemistry and ethnoscience to improve thinking skills, which included generic science skills and critical thinking skills. These skills were observed through learning outcomes, which were divided into three domains, i.e., cognitive, psychomotor, and affective. The cognitive aspect was assessed through pre- and post-test results, the psychomotor domain was valued through an essay test and observational sheets, and the affective domain was evaluated using questionnaires and observational sheets. This research was conducted with XI graders of MAN I Semarang and SMA Pekalongan, There were three rounds implemented: first, preliminary research which has observed the problems in chemistry learning, particularly on the hydrolysis topic and continued to the development of worksheets, then validated. The next round was the implementation of the worksheets. The N-gain test was used to see the influence of the developed worksheets on the increase in critical thinking skills and generic science skills. The critical thinking scored 0.58



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THE DEVELOPMENT OF PBL-BASED WORKSHEETS INTEGRATED WITH GREEN CHEMISTRY AND ETHNOSCIENCE TO IMPROVE STUDENTS' THINKING SKILLS

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In today's global era, thinking skills are essential to be mastered by students. This research intended to develop and implement PBL-based worksheets integrated with green chemistry and ethnoscience to improve thinking