

[ABS-332] Abstract Edited

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Dear Ms. LENI MARLINA,

Your abstract has been edited:

Abstract ID:

ABS-332

Please use this "Abstract ID" in all correspondence (instead of abstract title).

Title:

Improving the Critical Thinking Skills of Junior High School Students on Earth and Space Science (ESS) Materials

Authors:

Leni Marlina^{1*},², Liliasari¹, Bayong Tjasyono³, Sumar Hendayana¹

Institutions:

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³Lecturer at Departement of Geoscience and Technology Faculty, Bandung of Institute Technology. Jl. Ganesa 10 Bandung 40154, Indonesia.

Content:

Critical thinking skills need to be developed in students. With critical thinking skills, students will be able to understand the concept with more depth easily, be sensitive to problems that occur, understand and solve problems that occur in their surroundings, and apply the concepts in different situations. Earth and Space Science (ESS) material is part of the science subjects given from elementary school to college. This research is a test of the research program with the quantitative method. This study aims to investigate the improvement of critical thinking skills of students through training of science teachers in a junior high school in designing learning media for teaching ESS. With samples of 24 science teachers and 32 students of grade 7th in junior high school which is chosen by purposive sampling in a school in Ogan Ilir District, South Sumatra obtained average pre-test scores and posttest of students critical thinking skills are 52.26 and 67.06 with an average N-gain of 0.31. The results of this study show an increase in students critical thinking skills on the ESS material.

Keywords:

Critical Thinking Skills, Junior High School, Earth and Space Science (ESS)

Topic:

Mathematics, Science, and Computer Science Education

Presenter:

LENI MARLINA

Type:

Poster Presentation

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Authors:
Leni Marlina^{1*}, Liliasari¹, Bayong Tjasyono³, Sumar Hendayana¹

Type:
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Topic:
Mathematics, Science, and Computer Science Education

Presenter:
LENI MARLINA

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