

The effectiveness of guided inquiry learning based on Anderson's sketch analysis on students' higher order thinking skills in reaction rate

The article underwent 3 rounds of review. The authors agreed to disclose the reviewers' reports and their responses to the reviewers' comments.

Disclaimer: The peer review report content is the entire copy of the reviewers' and authors' comments. Typing and punctuation errors are not edited.

ROUND 1

Reviewer A preferred not to respond, so neither his opinion nor his name will be disclosed, while Reviewers B and C agreed in advance to publish their reports, disclosing all identities.

Reviewer A: Anonymous

Recommendation: Revisions Required

The review will not be published at the request of reviewer A.

Reviewer B: Syahrial Syahrial

Recommendation: Revisions Required

1. The background needs to be sharpened further
2. In the discussion, the author needs to make more comparisons with the results of similar research.

[Reviewer Files](#)

Reviewer C: Yusran Khery

Recommendation: Revisions Required

The author needs to strengthen the statistical description, needs to prove his statement about an increase in student learning performance. The author needs to strengthen the elaboration in the introduction and discussion sections by considering the results of previous relevant research.

[Reviewer Files](#)

ANSWERS TO ROUND 1

The authors did not provide a response letter to the reviewers, only the corrected manuscript.

ROUND 2

Reviewer A agreed in advance to publish his report anonymously, while reviewers B and C agreed in advance to publish their reports, revealing all identities.

Reviewer A: Anonymous

Recommendation: Accept Submission

I believe it is acceptable now

[No Reviewer Files](#)

Reviewer B: Syahrial Syahrial

Recommendation: Revisions Required

The abstract is 170 words maximum.

Improve the layout

Use the Eclética química style for reference (<http://csl.mendeley.com/styles/585805711/eclet-quim-style>.)

[Reviewer Files](#)

Reviewer C: Yusran Khery

Recommendation: Accept Submission

The article has been improved from the previous one.

The size of the images and tables must be consistent and the same.

Improve the conclusions, recommendations, and limitations.

Improve citations, figures & tables, and references (ACS).

[No Reviewer Files](#)

ANSWERS TO ROUND 2

The authors did not provide a response letter to the reviewers, only the corrected manuscript.

ROUND 3

Reviewer B agreed in advance to publish his report, revealing his identity.

Reviewer B: Syahrial Syahrial

Recommendation: Accept Submission

In general, I agree to publish it on the condition that the author makes revisions according to the suggestions.

[Reviewer Files](#)