

**Bukti Proses Corresponding Author**

**The Effect of the Scientific Approach-Based  
Learning Process on Problem  
Solving Skills in Early Childhood:  
Preliminary Study**

**Een Y. Haenilah**

**FAKULTAS KEGURUAN DAN ILMU PENDIDIKAN  
UNIVERSITAS LAMPUNG**



## International Journal of Instruction Article Evaluation Form

Mr. /Mrs.

It is to acknowledge you that the Executive Committee of *International Journal of Instruction* has decided that the article mentioned below would be reviewed by you. Thank you very much for your contributions.

**Asim ARI**  
**Editor in Chief**

**Name of the article:** The Effect of the Scientific Approach-Based Learning Process on Problem Solving Skills in Early Childhood: Preliminary Study

After reviewing the attached article, please read each item carefully and select the response that best reflects your opinion. To register your response, please **mark** or **type in** the appropriate block.

	Yes	Partially	No
Do you think the title is appropriate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does the abstract summarize the article clearly and effectively?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are the objectives set clearly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the issue stated clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the literature review adequate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the design of the research appropriate, and the exemplary, if any, suitable?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the methodology consistent with the practice?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are the findings expressed clearly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the presentation of the findings adequate and consistent?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are the tables, if any, arranged well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are the conclusions and generalizations based on the findings?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the suggestions meaningful, valid, and based on the findings?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the references adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the language clear and understandable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is cohesion achieved throughout the article?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the work contributing to the field?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Evaluation:**
- The article can be published as it is.
  - The article can be published after some revision.
  - The article must undergo a major revision before it can be resubmitted to the journal.
  - The article cannot be published.

Would you like to see the revised article if you have suggested any revisions?  Yes  No

**Please write your report either on this paper or on a spare paper.**

### REPORT

Section of the Manuscript	Comments and Notes
Title- Abstract-Summary	Eliminate process words in the title. Research objectives must be delivered more effectively. Provision of pretest and posttest is not in accordance with the method of observation and documentation
Introduction and Literature Review	Add a study of learning theories that support scientific approaches and problem solving
Research Methods	Adjust research objectives, data collection techniques and research designs. In your data collection techniques you use observation and documentation, but in your research design you use pretest and posttest.

Research Findings	The title in table 2 is unclear. The data do not meet the normality requirements with a significance value of 0.007 (this means the significance value is less than 0.05). Consider further analysis if the data are not normally distributed.
Discussion	Add the results of previous studies that support the results of your current research.
Conclusion and Suggestions	
References and Citation	
Language	
Other issues	Explain the implications of your research in more detail



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After reviewing the attached article, please read each item carefully and select the response that best reflects your opinion. To register your response, please **mark** or **type in** the appropriate block.

	Yes	Partially	No
Do you think the title is appropriate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does the abstract summarize the article clearly and effectively?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are the objectives set clearly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the issue stated clearly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the literature review adequate?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the design of the research appropriate, and the exemplary, if any, suitable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the methodology consistent with the practice?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are the findings expressed clearly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the presentation of the findings adequate and consistent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the tables, if any, arranged well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the conclusions and generalizations based on the findings?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the suggestions meaningful, valid, and based on the findings?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the references adequate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the language clear and understandable?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is cohesion achieved throughout the article?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the work contributing to the field?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- Evaluation:**
- The article can be published as it is.
  - The article can be published after some revision.
  - The article must undergo a major revision before it can be resubmitted to the journal.
  - The article cannot be published.

Would you like to see the revised article if you have suggested any revisions?  Yes  No

**Please write your report either on this paper or on a spare paper.**

## REPORT

Section of the Manuscript	Comments and Notes
Title- Abstract- Summary	The writing style of the abstract is very raw. It looks like this is a graduate-level term paper. The reader recommended the authors rewrite the abstract in order to upgrade the level of the paper.
Introduction and Literature Review	1. The authors should expand the "Aim of the Study" part into a detailed paragraph. 2. Add a significance part. 3. How can the paper contribute to the current society?

	4. What would be the theoretical framework of this study? The reader cannot follow the framework / theory as it does not outline.
Research Methods	<ol style="list-style-type: none"> <li>1. Why observation as a tool? Need to explain.</li> <li>2. Why documentation guidelines as a tool? Need to explain.</li> <li>3. Why quasi-experiment? Need to explain.</li> <li>4. It is unacceptable without any human projection chapters for underage children.</li> <li>5. It is unacceptable without any permissions from parents.</li> <li>6. How did the authors follow the ethical guidelines and protection plans?</li> </ol>
Research Findings	1. The authors can expand and explain more in detail. Although the authors outline the statistics, the report was still very raw.
Discussion	<ol style="list-style-type: none"> <li>1. The authors should outline the discussion in detailed in order to reflect the research questions.</li> <li>2. How can this research reflect and answer the research questions?</li> <li>3. Please outline and categorised the disucssion chapter with the research questions.</li> </ol>
Conclusion and Suggestions	<ol style="list-style-type: none"> <li>1. Can the authors recommend any future research directions?</li> <li>2. Can the authors tell the readers how can this study be applied into different international environment?</li> </ol>
References and Citation	The authors always employ some old and outdated references. Unless the citations contain some masterpieces, please avoid any references that are older than 10 years.
Language	<ol style="list-style-type: none"> <li>1. The entire paper contains a lot of grammatical errors and mistakes. The readers have hard time to see the paper with such mistakes.</li> <li>2. The use of language of this paper is very raw. It means that the authors tend to employ some very low-level of language structures.</li> </ol> <p>A proofreading is strongly advised.</p>
Other issues	



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	Yes	Partially	No
Do you think the title is appropriate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the abstract summarize the article clearly and effectively?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the objectives set clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the issue stated clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Is the design of the research appropriate, and the exemplary, if any, suitable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the methodology consistent with the practice?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are the findings expressed clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the presentation of the findings adequate and consistent?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the tables, if any, arranged well?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the conclusions and generalizations based on the findings?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are the suggestions meaningful, valid, and based on the findings?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the references adequate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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- Evaluation:**
- The article can be published as it is.
  - The article can be published after some revision.
  - The article must undergo a major revision before it can be resubmitted to the journal.
  - The article cannot be published.

Would you like to see the revised article if you have suggested any revisions?  Yes  No

**Please write your report either on this paper or on a spare paper.**

## REPORT

Section of the Manuscript	Comments and Notes
Title- Abstract- Summary	ok, but population and subject not included in the method section
Introduction and Literature Review	1. Why must democratic 2. You need expert opinion to support it 3. You need to give reasons about the shortcomings of the learning model that has been implemented

Research Methods	1. I feel you are wrong in determining the sampling technique 2. You need to provide information relating to the instrument used. whether you made the instrument yourself or adapted it. in addition, information is needed about the theoretical basis for the measurement indicators used
Research Findings	It will be clearer if you first describe descriptively each indicator on the variable being tested
Discussion	ok
Conclusion and Suggestions	Your conclusion is still too concise. need to be explained more closely related to the results obtained and their benefits in your scientific field
References and Citation	Requires newer references
Language	ok
Other issues	ok

The following changes have been made on the Manuscript “...” in accordance with reviewers’ comments

Reviewer’s comments	Changes made	Page (see highlights)
e		
1. Population and subject not included in the metodh section	Ok i have changed it	1
<p>2. Introduction and Literature Review</p> <ol style="list-style-type: none"> <li>a. Why must democratic</li> <li>b. You need expert opinion to support it</li> <li>c. You need to give reasons about the shortcomings of the learning model that has been implemented</li> </ol>	<p>2q. because children are part of social citizens, who also interact with the surrounding environment, children are not minature of adults. But the child is an independent individual. Free to have an opinion.</p> <p>Izzaty (2010) adds in her research that there are three reasons about the importance of problem solving skill for early childhood, those reason are: (1) influencing the function of self-adjustment in facing the conflict; (2) Doing positive and continual repetition to form those competences; and (3) positive problem solving which possibly influence the relationship with friends. The problems faced by children should be immediately solved or responded. In many cases, adults often getting involved and solve the problem that actually should be solved by their children. However, whatever problems faced by children even only small thing can be an opportunity for children to develop their problem solving skill (Brown, 1988).</p> <p>2c. However, the reality is that learning in early childhood education is dominated by two extreme learning models, namely very academic learning and full play learning. Very academic learning is carried out with drilling methods oriented to the ability to read, write and count.</p>	2 and 4



	From here the authors carry out further research. Starting from teacher center, it changed to student center. Children actively find out	
3. Research Methods a. I feel you are wrong in determining the sampling technique b. You need to provide information relating to the instrument used. whether you made the instrument yourself or adapted it. in addition, information is needed about the theoretical basis for the measurement indicators used	3a. Why purposive because characteristic because of its low initial ability 3b. ok	5
4. Research Findings It will be clearer if you first describe descriptively each indicator on the variable being tested	Ok in the data and tool s indicator already mentioned, does it need to be repeated sir below it in research finding?	5
5. Conclusion and Suggestions Your conclusion is still too concise. need to be explained more closely related to the results obtained and their benefits in your scientific field	ok	11
6. References and Citation Requires newer references	Ok	12
<b>c</b>		
1. Title- AbstractSummary Eliminate process words in the title. Research objectives must be delivered more effectively. Provision of pretest and posttest is not in accordance with the method of observation and documentation	Ok i have changed it	1
2. Introduction and Literature Review Add a study of learning theories that support scientific approaches and problem solving	ok	2
3. Research Methods Adjust research objectives, data collection techniques and research designs. In your data collection techniques you use observation and documentation, but in your research design you	Because what is being studied are children, the test uses non test instrument. That's why observation being made. So an observation was made of the child. Children are different	

<p>use pretest and posttest.</p>	<p>from adults, especially children aged 5-6 years. Assessment is done by observing the child while solving a problem related to problem-solving.</p> <p>Then the right type of evaluation is nontest, which uses observation, so that it can describe the child's development authentically</p>	
<p>4. Research Findings The title in table 2 is unclear. The data do not meet the normality requirements with a significance value of 0.007 (this means the significance value is less than 0.05). Consider further analysis if the data are not normally distributed.</p>	<p>I'm sorry sir , i'm typo write it. I wrote it wrong, the correct is 0.07</p>	7
<p>5. Discussion Add the results of previous studies that support the results of your current research.</p>	Ok	9
<p>6. Other issues Explain the implications of your research in more detail</p>	Ok	11
<p>1. Title- AbstractSummary The writing style of the abstract is very raw. It looks like this is a graduate-level term paper. The reader recommended the authors rewrite the abstract in order to upgrade the level of the paper.</p>	ok	1
<p>2. Introduction and Literature Review a. The authors should expand the "Aim of the Study" part into a detailed paragraph. b. Add a significance part. c. How can the paper contribute to the current society? d. What would be the theoretical framework of this study? The reader cannot follow the framework / theory as it does not outline.</p>	ok	2
<p>3. Research Methods</p>	Because what is being studied are children, the test uses	5

<ul style="list-style-type: none"> <li>a. Why observation as a tool? Need to explain.</li> <li>b. Why documentation guidelines as a tool? Need to explain.</li> <li>c. Why quasi-experiment? Need to explain.</li> <li>d. It is unacceptable without any human projection chapters for underage children.</li> <li>e. It is unacceptable without any permissions from parents.</li> <li>f. How did the authors follow the ethical guidelines and protection plans?</li> </ul>	<p>non test instrument. That's why observation being made. So an observation was made of the child. Children are different from adults, especially children aged 5-6 years. Assessment is done by observing the child while solving a problem related to problem-solving.</p> <p>Then the right type of evaluation is nontest, which uses observation, so that it can describe the child's development authentically</p> <p>The research subjects were 32 children with an age range of 5-6 years in Al Kautsar Kindergarten Bandar Lampung. The Al-Kautsar Kindergarten was chosen as a place of the research based on two criteria: (1) this kindergarten has students from various socioeconomic statuses and diverse regional cultures, and (2) it has been accredited by the government. So, the sample is relatively representative to be studied. Researchers have received permission from the child's parents</p> <p>Acknowledgments The authors would like to express their gratitude and appreciation to Universitas Lampung for its financial support with contract number (0721 701609 ) and also the principals, teachers and children of Al-Kautsar Kindergarten for their participation in this study.</p>	
<p>4. Research Findings The authors can expand and explain more in detail. Although the authors outline the statistics, the report was still very raw.</p>	<p>Ok</p>	<p>7</p>

<p>5. Discussion</p> <p>a. The authors should outline the discussion in detailed in order to reflect the research questions.</p> <p>b. How can this research reflect and answer the research questions?</p> <p>c. Please outline and categorised the disucssion chapter with the research questions</p>	ok	9
<p>6. Conclusion and Suggestions</p> <p>a. Can the authors recommend any future research directions?</p> <p>b. Can the authors tell the readers how can this study be applied into different international environment?</p>	ok	11
<p>7. References and Citation</p> <p>The authors always employ some old and outdated references. Unless the citations contain some masterpieces, please avoid any references that are older than 10 years.</p>	ok	12
<p>8. Language</p> <p>a. The entire paper contains a lot of grammatical errors and mistakes. The readers have hard time to see the paper with such mistakes.</p> <p>b. The use of language of this paper is very raw. It means that the authors tend to employ some very low-level of language structures.</p> <p>c. A proofreading is strongly advised.</p>	<p>8a. ok</p> <p>8b. ok</p> <p>8c. I will proofreading</p>	

# PROSES REVIEW JURNAL IJI (by email)

The screenshot shows a Gmail interface. On the left is a navigation sidebar with categories like Mail, Chat, and Spaces. The main area displays an email from 'iji@ogu.edu.tr' dated 'Sun, Mar 1, 2020, 7:29 PM'. The email body contains a message from the 'Editorial International Journal of Instruction' asking the author to amend a file named 'Article 141219\_for revision' based on reviewer feedback. Below the text, there are seven attachments, including three PDFs titled 'IJI Article Evaluatio...' and two Word documents titled 'Article 141219\_e.d...' and 'Article 141219\_d.d...'. A 'No spaces yet' notification is visible in the bottom left corner.

**Mail** 388

**Inbox** 388

**Drafts** 7

**Attachments** 7

**Attachments**

No spaces yet  
Create or find a space

**Meet**

**Gmail** iji@ogu.edu.tr

Active

17 of 18

**iji@ogu.edu.tr**  
to een.yayahhaenilah, hermi.yanzi, me

Sun, Mar 1, 2020, 7:29 PM

Dear author

You have amendments from reviewers. Could you please amend on attached file "Article 141219\_for revision" and send back your revised article and the list of explanations of the revisions done via e-mail (iji@ogu.edu.tr) as an attached file as soon as possible?

Sincerely yours,  
Editorial  
International Journal of Instruction

International Journal of Instruction  
<http://www.e-iji.net>

**7 Attachments**

- IJI Article Evaluatio...
- IJI Article Evaluatio...
- IJI Article Evaluatio...
- Article 141219\_e.d...
- Article 141219\_d.d...

- Mail 388
- Inbox
- Starred
- Snoozed
- Sent
- Drafts 7
- More
- Chat +
- Spaces +



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Meet



### file revision Inbox x



**rizky drupadi** <rizky.drupadi@fkip.unila.ac.id>  
to iji

Wed, Apr 8, 2020, 9:11 PM

sir this is the article file that I have revised. thank you 🙏

#### 2 Attachments



**iji@ogu.edu.tr**  
to een.yayahhaenilah, hermi.yanzi, me

Sat, Apr 11, 2020, 5:16 AM

Dear author

We received your revised article and sent it to reviewers. Thank you very much for your interest in IJI.

Sincerely yours,

Mail

Inbox

388

Starred

Snoozed

Sent

Drafts

7

More

Chat

+

Spaces

+



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Meet



12 of 18



iji@ogu.edu.tr

to een.yayahhaenilah, hermi.yanzi, me

Fri, May 8, 2020, 12:07 AM



Dear author

You have minor amendments from a reviewer. Could you please amend on attached file "Article 141219\_revised\_for revision" and send back your revised article and the list of explanations of the revisions done via e-mail (iji@ogu.edu.tr) as an attached file as soon as possible?

Sincerely yours,

Editorial


International Journal of Instruction

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2 Attachments



- Mail  389
- Inbox
- Starred
- Snoozed
- Sent
- Drafts 7
- More

Chat +

Spaces +



No spaces yet  
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5 of 18 < >

## Re: Article Update Requirement: Acceptance External Inbox x



**International Journal of Instruction** <editor.eiji@gmail.com>  
to me, een.yayahhaenilah, hermi.yanzi

Aug 5, 2020, 1:15 AM



Dear author

“ [Article 141219](#) ”

This article has been completed the reviewing process and has been accepted for publication. Your manuscript is tentatively scheduled for publication in the April 2021 issue.

We wish you all the best.

Editorial

International Journal of Instruction

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