

Science Education and Application Journal (SEAJ)
Natural Science Education Study Program
Universitas Islam Lamongan
http://jurnalpendidikan.unisla.ac.id/index.php/SEAJ

Month, Year. Vol. , No,
p-ISSN: 2656-6672
e-ISSN: 2656-8365
pp.

The title should be clear, brief, and informative. Abbreviations and formulas should be avoided. No place or year is included. Use Baskerville Old Face font, size 14 pt, bold, and centered. The title must not exceed 15 words.

[1]Authors Name, [2]Authors Name, et.al. (Baskerville Old Face, 12 pt, Bold)
[1]Natural Science Education Study Program, Faculty of Teacher Training and Education, Universitas Islam Lamongan, Jl. Veteran No. 53A, Lamongan 62211, East Java, Indonesia (Font Baskerville Old Face; 12pt Normal)
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Article Info
Article History
Received:
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Accepted:
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Keywords
Keywords consist of 3–5 words or phrases that best represent the content and focus of the article. The keywords must be arranged in ***alphabetical order*** *and separated by commas.*

Abstract (Baskerville Old Face; Bold; 10pt italic)

Abstract is written in italics (Baskerville Old Face, 10 pt) with single line spacing and consists of 150–250 words in one paragraph and a single-column format. If the article is written in Indonesian, the abstract must be presented in proper and academic English. The abstract should clearly state the aims or objectives of the study, followed by a concise description of the methods or approaches used in conducting the research. It should then present the results or key findings that highlight the most significant and interesting aspects of the study. Finally, the abstract must include the research contribution, which explains the novelty, significance, or practical implications of the research in advancing knowledge within the field. The abstract must contain the main issues addressed, the problem-solving approach, scientific findings, and the final conclusions. The use of statistical tools such as SPSS, EViews, or AMOS, as well as the inclusion of statistical figures or numerical data, is strictly prohibited.

Citations: Author(s) Last Name, Initial(s). (Year). Title of the article. *Science Education and Application Journal*, Volume (Issue), page range.

INTRODUCTION (Baskerville Old Face 12pt; Bold; Left Aligned; UPPERCASE)

The introduction contains the purpose of the article or research, which should be formulated and presented through an adequate

background that avoids excessive references or detailed presentations of research results. It must include the urgency of the research, supported by relevant facts and data. Preliminary findings that form the basis of the research should also be described. Before presenting the research objectives, a **gap analysis** must be clearly explained to show the differences between the current study and previous research, making the **novelty** of the study apparent. The introduction must also clarify the **research stance**, whether it aims to correct, debate, or support prior studies. (Baskerville Old Face 12pt)

In developing the introduction, authors should present the **State of the Art (SoTA)** to highlight the current state of knowledge and trends in the field. **The Research Gap** must be described comprehensively by explaining inconsistencies or limitations in previous studies that have not been fully addressed. If the gap analysis is weak, authors should explain the cause, such as the lack of clear identification of weaknesses or the limited scope of previous research findings. It should also be emphasized that earlier studies often show inconsistent results and have not elaborated on existing research weaknesses, thereby opening a clear research opportunity for this study. Furthermore, highlight that many prior studies have not utilized recent and relevant sources from reputable journals (e.g., indexed JIP or equivalent), reinforcing the urgency and significance of the present research. (Baskerville Old Face 12pt)

METHODS (Baskerville Old Face 12pt; Bold; Left Aligned; UPPERCASE)

The method used should be accompanied by relevant references, and any modifications or adaptations must be clearly explained. The research design, stages, and analytical procedures should be described in sufficient detail to allow competent readers to replicate the study. The procedure and data analysis techniques must be explicitly stated, and for literature review articles, the method of literature selection, categorization, and synthesis should be emphasized. Image captions must be presented as part of the figure caption, not embedded within the image. (Baskerville Old Face 12pt)

If AI or AI-assisted technologies were used for data processing, analysis, coding, simulation, or visualization, authors must clearly describe the tool, its specific use, and the verification procedures undertaken to ensure the accuracy and reproducibility of the results.

Table 1. Criteria for the validity of the metacognition knowledge (Baskerville Old Face 11pt; Center)

Interval Score (Baskerville Old Face 10pt; Bold)	Criteria (Baskerville Old Face 10pt; Bold)
> 3,6	Very Valid
2,8 – 3,6	Valid
1,9– 2,7	Invalid
1,0– 1,8 (Baskerville Old Face 10pt)	Very Invalid (Baskerville Old Face 10pt)

Tables must be created in editable text format, not in JPG, PNG, or other image forms; they should not be copied directly from SPSS or similar software but must be processed and presented concisely and informatively.

In this section, authors must explain whether the **methodology** used is appropriate for achieving the research objectives and whether it has been described clearly and thoroughly. The **data sources** used must be adequate and relevant to support the analysis. Authors should also explain the **operationalization of research variables** to ensure conceptual clarity and consistency. The **sampling technique** must be presented transparently and justified based on methodological relevance. Additionally, the **data analysis techniques** used should align with the research objectives and data characteristics. Authors are also required to include detailed information regarding the **hardware and software platforms** used in the research process, particularly for studies involving simulations, modeling, or data processing, to ensure reproducibility and scientific transparency. (Baskerville Old Face 12pt)

RESULTS AND DISCUSSION (Baskerville Old Face 12pt; Bold; Left Aligned; UPPERCASE)

The results and discussion should be presented in one integrated section, clearly and concisely. The **results** must be written in an informative, simple, and effective manner to ensure readers can easily understand the findings. Research results should be supported by well-structured tables and figures that present data clearly and effectively. Each **table and figure** must be numbered sequentially and provided with a clear explanation and interpretation that refers to the corresponding number. The presentation should avoid redundancy, and the **interpretation of data** must be accurate and aligned with the research objectives. The **results of data analysis** should be valid and reliable in answering the stated research problems. (Baskerville Old Face 12pt)

Table 1. Criteria for the validity of the metacognition knowledge (Baskerville Old Face 11pt; Center)

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The discussion should not merely repeat statistical data or numeric results but should focus on explaining and interpreting the research findings. Authors must elaborate on what the findings mean, why they

occurred, and how they contribute to the understanding of the studied phenomena. The discussion should clearly articulate the **significance, implications, and underlying reasons (the "why")** behind the results obtained. It must also demonstrate the **relevance of the current findings to previous studies**, highlighting similarities, differences, and possible reasons for any inconsistencies. Comparisons to prior research should be presented logically, avoiding redundancy with references already mentioned in the introduction. Ultimately, this section should emphasize how the results contribute new insights, support, or challenge existing theories and research in the field. (Baskerville Old Face 12pt)

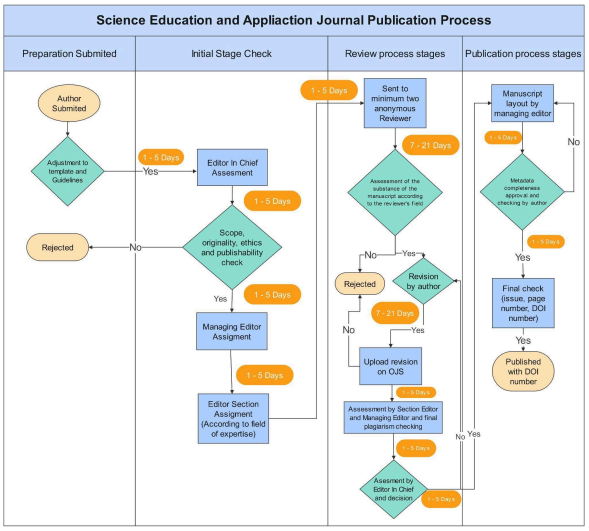


Figure 1. All figures must be **high-resolution, clearly visible,** and **all words or labels within the images or graphs must be written in English. If AI or AI-assisted technologies were used for data processing, analysis, coding, simulation, or visualization, authors must clearly describe the tool, its specific use, and the verification procedures undertaken to ensure the accuracy and reproducibility of the results** (Baskerville Old Face 11pt; Center) .

CONCLUSION (Baskerville Old Face 12pt; Bold; Left Aligned; UPPERCASE)

The conclusion must be written briefly, narratively, and conceptually (non-bulleted), aligning with the research objectives while clearly presenting the **research findings, contributions, and implications** in a concise, coherent, and informative manner. (Baskerville Old Face 12pt)

AI AND AI-ASSISTED TECHNOLOGIES DECLARATION IN THE WRITING PROCESS (Baskerville Old Face 12pt; Bold; Left Aligned; UPPERCASE)

During the preparation of this work, the author(s) used [NAME OF TOOL/SERVICE] for [PURPOSE]. After using this tool/service, the author(s) reviewed and edited the content as needed and take full responsibility for the content of the publication. If no generative AI or

AI-assisted technologies were used substantively in the preparation of this manuscript, this declaration is not required.

REFERENCES (Baskerville Old Face 12pt; Bold; Left Aligned; UPPERCASE)

References must follow **APA Style 7th Edition** and should be managed using a reference manager such as **Mendeley or Zotero**. All cited sources in the text must appear in the reference list and vice versa. Each article must include at **least 25 references**, with a **minimum of 85% from primary sources such as national and international journals**, preferably recent publications from reputable **indexes like JIB**. Authors should ensure the accuracy, recency, and consistency of all references, ordered chronologically by the most recent year and formatted according to the author guidelines. (Baskerville Old Face 12pt)

PROVISIONS ON WRITING SECTIONS

Heading should be no more than 3 levels. All headings must be in 12 pt. The following is the procedure for writing *heading*:

1. *Heading Level 1*: Level 1 headings must be Baskerville Old Face 12pt; Bold; Left Aligned; UPPERCASE. For example, **METHOD**
2. *Heading Level 2*: Heading level 2 must Baskerville Old Face Font; 12pt; Bold; Left Aligned; Capitalize Each Word. For example, **Heading 2**
3. *Heading Level-3:* Level 3 headings must be Baskerville Old Face Font; 12pt; Bold; Italic; Left Aligned; Capitalize Each Word. For example, ***Heading 3***