Article Title (16 pt)

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1. **INTRODUCTION (12 pt)**

The introduction must contain at least the state of the art (a brief literature review), gap analysis, problems and hypotheses (if any), solutions, and research objectives. Please include the author's last name and the year of publication, omitting page numbers, to indicate references (Hasbi et al., 2019). The introduction should comprise 10% of the total pages. The maximum number of pages is 12.

Things to note: 1) One paragraph should only contain one idea. Avoid unclear paragraphs with only one or two sentences. 2) General statements or understandings do not need reference libraries. 3) If the language is English, the English Dictionary must list linguistic terms (Ikram, 2023).

Write the introduction in the following order: A little general background about the study related to your research theme is needed.

A brief literature review of similar studies from previous years is necessary to justify the novelty of this article, and it must include references to journals from the last 10 years.

The gap analysis, which shows what is new or original about this research, is compared to earlier similar studies or the latest developments in the field (Muzaini et al., 2024).

Describe the problem based on facts and hypotheses (if any). Provide solutions or approaches to address the problem. The expected results or objectives of the research in this article.

1. **METHOD (12 pt)**

The article contains the methods used in the research. Show a brief description of the materials and methods used in the research. All quantities are in standard and consistent units; each equation must be numbered; and the research method or stage is described operationally, not explaining the definition/understanding.

The method consists of the research design/stages, subjects, location, experimental design or design used, sampling techniques (if any), the samples used must be specific and clear in number, variables to be measured, research instruments, data collection techniques, and data analysis techniques. (Adjust to the type of research. If the research is qualitative, it is better to use data triangulation.

Tables and Figures are presented center, as shown below and cited in the manuscript.

**Table 1.** Number of students based early mathematical ability

|  |  |  |
| --- | --- | --- |
| **PAM** | **Experiments** | **Control** |
| High | 11 | 12 |
| Medium | 53 | 44 |
| Low | 9 | 10 |
| Total | 73 | 66 |



**Figure 1.** Work student results

1. **RESULTS AND DISCUSSION (12 pt)**
   1. **Results (12 pt)**

This section contains research results and discussion. When conducting R&D research, it's important to showcase the final product, particularly the content that aligns with the research title.

The research results and discussion follow a distinct format. The present processed research data, not raw data. Tables, graphs, or images can support the verbal presentation of research results when necessary. In the discussion, there is a link between the results obtained and the basic concept or hypothesis.

* 1. **Discussion (12 pt)**

Examine whether the obtained results align with the basic concepts and hypotheses in the discussion section (Hasbi et al., 2023). Compare with previous research whether there is conformity or contradiction with the results of previous research (especially the literature mentioned in the state of the art) (Muzaini et al., 2021; Ikram, 2023). Explain the implications of the research results, both theoretical and applied.

1. **CONCLUSION (12 pt)**

The conclusion should be the answer to the research question or objective. The conclusion describes the answer to the hypothesis and research objective or the findings obtained. The conclusion does not contain a repetition of the results and discussion but rather a summary of the findings as expected in the objective or hypothesis. It should be written in paragraph form, not in item list/numbering form. If an item list or numbering is necessary, please ensure it remains in paragraph form.

Suggestions highlight aspects of this research or the actions planned to expand on its ideas.

**ACKNOWLEDGEMENTS (12 pt)**

(If any) Place Acknowledgments, including information on the source of any financial support received for the work being published.

**REFERENCES (12 pt)**

The references listed in the bibliography are only those cited in the article content. The bibliography section must include all references mentioned in the article's body. The bibliography must contain reference libraries originating from primary sources (research journals, proceedings, research books, theses/dissertations) and amount to a minimum of 80% of the total bibliography published in the past 10 years. Each article contains at least 10 (ten) reference bibliographies. References should come from national or international primary sources.

Bibliography writing uses the American Psychological Association (APA) style, and it is recommended to use reference management applications such as Mendeley, Zotero, EndNote, etc.

Hasbi, M., Lukito, A., & Sulaiman, R. (2019, December). Mathematical connection middle-school students 8th in realistic mathematics education. In *Journal of Physics: Conference Series* (Vol. 1417, No. 1, p. 012047). IOP Publishing. http://dx.doi.org/10.1088/1742-6596/1417/1/012047

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