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| Journal Name: | [**Asian Journal of Education and Social Studies**](https://journalajess.com/index.php/AJESS) |
| Manuscript Number: | **Ms\_AJESS\_131408** |
| Title of the Manuscript: | **Impact of Math Manipulatives on Grade One Pupils’ Attitudes and Academic Achievement** |
| Type of the Article | Short Research Article |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This manuscript contributes to the growing body of research on early mathematics education by examining the role of manipulatives in improving students' attitudes and achievement levels. It provides empirical evidence supporting the effectiveness of hands-on learning tools, which is valuable for educators and policymakers. The study’s focus on Grade One pupils adds to the limited research available on young learners' engagement with manipulatives. Additionally, the findings offer practical recommendations that can guide curriculum development and teacher training programs. | The suggestions were followed by the researcher. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title is appropriate and clearly reflects the focus of the study. However, a slight refinement could improve clarity and specificity. Suggested alternative:  "Impact of Math Manipulatives on Grade One Pupils' Attitudes and Academic Achievement" | The suggestions were followed by the researcher. |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract provides a clear summary of the study's objectives, methodology, and key findings. However, it could benefit from slight refinements:  Addition: Brief mention of the sample size and study location for clarity.  Clarification: The statistical significance of findings should be explicitly mentioned where applicable. | The suggestions were followed by the researcher. |
| Is the manuscript scientifically, correct? Please write here. | The manuscript is scientifically sound, as it employs a well-structured methodology, including valid statistical tools (t-test, F-test, Pearson correlation). The findings are logically presented and supported by relevant literature. However, some areas require improvement:   * Strengthening the explanation of statistical results. * Providing more detail on how the questionnaire was validated to ensure reliability. * Clarifying potential limitations related to sample size and external validity. | The suggestions were followed by the researcher. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are relevant, covering both foundational and recent studies in mathematics education. However, some references are outdated (e.g., sources from 2001). It would be beneficial to incorporate more recent studies (2019–2024) to enhance the manuscript’s credibility. | The suggestions were followed by the researcher. |
| Is the language/English quality of the article suitable for scholarly communications? | The references are relevant, covering both foundational and recent studies in mathematics education. However, some references are outdated (e.g., sources from 2001). It would be beneficial to incorporate more recent studies (2019–2024) to enhance the manuscript’s credibility. | The suggestions were followed by the researcher. |
| Optional/General comments | * Improve language clarity and grammar. * Strengthen statistical interpretations.   Include more recent references. | The suggestions were followed by the researcher. |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details*  A letter of request to conduct the study was forwarded to the District Supervisor. After receiving a favorable approval, a letter was also forwarded to the school principal requesting to administer the study. |  |