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[th] Submission Acknowledgement

1 pesan

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11 Oktober 2019 pukul 21.22

Ai Tusi Fatimah:

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LoA Jurnal Theorems

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28 Oktober 2019 pukul 11.12

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29 Oktober 2019 pukul 07.32

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[TH] CONTEXTUAL, CONCEPTUAL, AND PROCEDURAL KNOWLEDGE OF VOCATIONAL HIGH SCHOOL STUDENTS IN SOLVING DISTANCE CONTEXTS

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26 November 2019 pukul 11.15

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#1592 Summary

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Authors	Ai Tusi Fatimah, Nur Eva Zakiah, Yoni Sunaryo, Irfan Gumilar, Iyus Rusmana	
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Abstract Views	222	

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Title	CONTEXTUAL, CONCEPTUAL, AND PROCEDURAL KNOWLEDGE OF VOCATIONAL HIGH SCHOOL STUDENTS IN SOLVING DISTANCE CONTEXTS
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STUDENTS IN SOLVING DISTANCE CONTEXTS

Abstract

This study aims to describe the contextual, conceptual, and procedural mathematical knowledge of vocational students in solving mathematical tasks presented in the context of distance. This study used a qualitative approach by focusing on data collection techniques through interviews and observations. Participants involved in this study were 20 students of Vocational High School, Motorcycle engineering and business expertise, in Ciamis, Indonesia. Students solve the mathematical tasks on topics of equality and inequality of absolute values in the context of distance. The analysis is carried out on contextual, conceptual, and procedural knowledge by students. The results show that students who can connect contextual knowledge to their conceptual knowledge successfully solve mathematical tasks. This shows that contextual knowledge has the first role in determining the mathematical concepts needed in solving tasks, which are supported by procedural knowledge that will lead students to get the right solution.

Indexing

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Supporting Agencies

Agencies —

References

References

- [1] SÃ¡enz, C. (2009). The role of contextual, conceptual and procedural knowledge in activating mathematical competencies (PISA). *Educ Stud Math*. Vol. 71, No. 2. pp.123â€“143. DOI: <https://doi.org/10.1007/s10649-008-9167-8>.
- [2] Lithner, J. (2008). A Research Framework for Creative and Imitative Reasoning. *J. Educ Stud Math*. Vol. 67, No. 3, pp. 255â€“276. DOI: <https://doi.org/10.1007/s10649-007-9104-2>.
- [3] Fatimah, A.T. & Zakiah, N.E. (2019). Matematika pada Kompetensi Teknik dan Bisnis Sepeda Motor. *Jumlahku*. Vol. 5, No. 1, pp. 31-47. DOI: <https://doi.org/10.33222/jumlahku.v5i1.584>.
- [4] Saglam, Y., Karaaslan, E.H. & Ayas, A. (2011). The Impact of Contextual Factors on The Use of Studentsâ€™ Conceptions. *Int J of Sci and Math Educ*. Vol. 9, No. 6, pp. 1391â€“1413. DOI: <https://doi.org/10.1007/s10763-010-9269-5>.
- [5] Baroody, A. J., Feil, Y. & Johnson, A. R. (2007). An Alternative Reconceptualization of Procedural and Conceptual Knowledge. *Journal for Research in Mathematics Education*. Vol. 38, No. 2, pp. 115-131.
- [6] NCTM. (2000). *Principle and Standards for School Mathematics*. USA: NCTM.
- [7] Johnson, H.L., Coles, A. & Clarke, D. (2017). Mathematical Tasks and The Student: Navigating â€œTensions of Intentionsâ€ Between Designers, Teachers, and Students. *ZDM Mathematics Education*. Vol. 49, No. 6, pp. 813â€“822. DOI: <https://doi.org/10.1007/s11858-017-0894-0>.
- [8] Lithner, J. (2017). Principles for Designing Mathematical Tasks that Enhance Imitative and Creative Reasoning. *ZDM Mathematics Education*. Vol. 49, No. 6, pp. 937â€“949. DOI: <https://doi.org/10.1007/s11858-017-0867-3>.
- [9] Simon, M. A. (2017). Explicating mathematical concept and mathematical conception as theoretical constructs for mathematics education research. *Educ Stud Math*. Vol. 94, No. 2, pp. 117-137. DOI:

concepts for mathematics education research. *Educ Stud Math*. Vol. 3, No. 2, pp. 117-137. DOI: <https://doi.org/10.1007/s10649-016-9728-1>.

[10] Fritz, A., Ehlert, A., & Balzer, L. (2013). Development of mathematical concepts as basis for an elaborated mathematical understanding. *South African Journal of Childhood Education*. Vol. 3, No. 1, pp. 38-67.



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Authors Ai Tusi Fatimah, Nur Eva Zakiah, Yoni Sunaryo, Irfan Gumilar, Iyus Rusmana

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