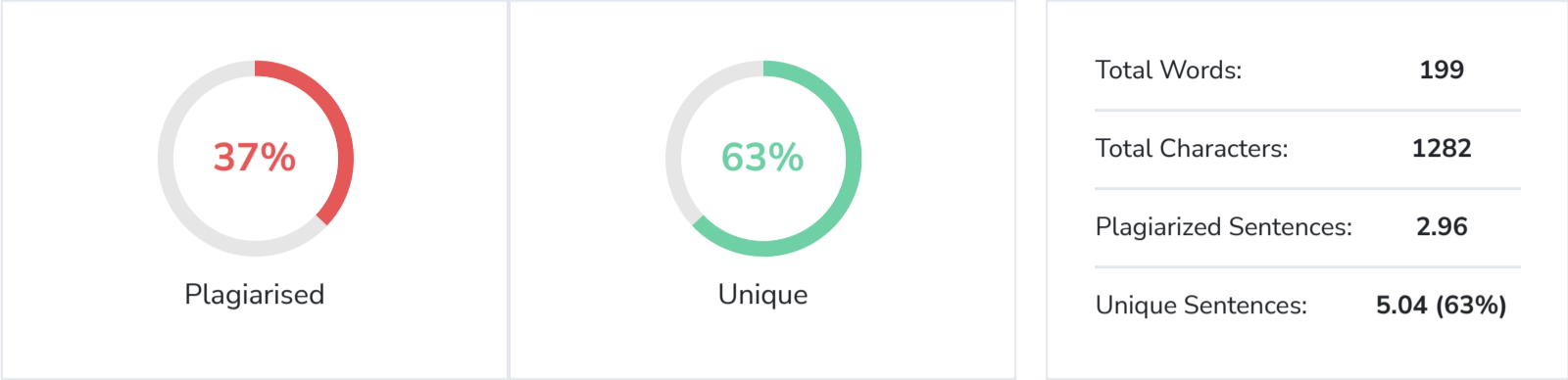


# Plagiarism Scan Report

Report Generated on: Jan 08,2023



## Content Checked for Plagiarism

This research is motivated by the low argumentation skills of students at SMA Al-Khairiyah Samarinda. This study aims to produce a worksheet design based on argumentation skills with a STEM approach on the buffer solution material and and test the validity of the created student worksheet. This study is a Research and Development (R&D) research using a 3-D model (Define, Design, and Develop) which was adapted from the 4-D model proposed by Thiagarajan. The student worksheet design is prepared by containing STEM indicators (Science, Technology, Engineering, and Math) accompanied by answer sheets that refer to the argumentation skill indicators (data, warrants, and claims). The validation results show that the STEM-based worksheets based on argumentation skills with the STEM approach on the buffer solution material are declared very valid by material experts, and the validation results by media experts get a very valid category, and the validation results by practitioners get a very valid category. Thus, it can be concluded that the student worksheet based on argumentation skills with the STEM approach is declared valid as a learning medium so that it can be continued to the trial phase for students to determine the effectiveness and practicality of the worksheet.

<div><div>DESAIN DAN UJI VALIDITAS LKPD BERBASIS ...</div><div>the validation results by media experts get a very valid category, and the validation results by practitioners get a very valid category.</div><div><a href="https://123dok.com/document/q05d0g3l-desain-validitas-berbasis-keterampilan-argumentasi-pendekatan-larutan-penyangga.html">https://123dok.com/document/q05d0g3l-desain-validitas-berbasis-keterampilan-argumentasi-pendekatan-larutan-penyangga.html</a></div></div>	100%
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