

Laili Shobahah. 2023. Penerapan Model Pembelajaran Think Talk Write Terintegrasi Kearifan Lokal untuk Meningkatkan Kemampuan Literasi Sains Siswa. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing Mochammad Yasir, S.Pd., M.Pd.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui perbedaan kemampuan literasi sains siswa sebelum dan sesudah penerapan model pembelajaran *Think Talk Write* Terintegrasi Kearifan Lokal. Metode penelitian yang digunakan adalah Pre-eksperimen dengan tipe *One Group Pretest-Posttest Design* yang dilaksanakan di MTs Yasmu Manyar Tahun Ajaran 2022/2023. Teknik pengumpulan data dilakukan dengan observasi keterlaksanaan pembelajaran, tes, angket, dan dokumentasi. Uji Hipotesis menggunakan uji *paired sample t-test* dengan nilai signifikansi $0,000 < 0,005$. Hasil penelitian menunjukkan bahwa: 1) Keterlaksanaan penerapan model pembelajaran TTW terintegrasi kearifan lokal mendapatkan skor 90% dengan kategori baik. 2) Terdapat perbedaan dan peningkatan kemampuan literasi sains siswa hasil dari penerapan model pembelajaran ttw terintegrasi kearifan lokal dengan nilai signifikansi $0,000 < 0,005$ dan skor N-gain sebesar 0.74. 3) Respon siswa terhadap penerapan model pembelajaran TTW terintegrasi kearifan lokal sangat baik diperoleh dari skor angket dengan nilai 83,2%. Sehingga dapat disimpulkan bahwa penerapan model pembelajaran *Think Talk Write* Terintegrasi Kearifan Lokal dapat meningkatkan kemampuan literasi sains siswa.

Kata Kunci: Kearifan Lokal, Kemampuan Literasi Sains, Model Pembelajaran TTW

Laili Shobahah. 2023. Application of the Think Talk Write Learning Model Integrated with Local Wisdom to Improve Students' Scientific Literacy Ability. Thesis, Natural Science Education, Education Faculty, University of Trunojoyo Madura. Advisor : Mochammad Yasir

ABSTRACT

This study aims to determine differences in students' scientific literacy skills before and after the implementation of the Think Talk Write Integrated Local Wisdom learning model. The research method used was a pre-experiment with the One Group Pretest-Posttest Design type which was carried out at MTs Yasmu Manyar in the 2022/2023 Academic Year. Data collection techniques are carried out by observing the implementation of learning, tests, questionnaires, and documentation. The hypothesis test uses a paired sample t-test with a significance value of $0.000 < 0.005$. The results showed that: 1) The implementation of the TTW learning model integrated with local wisdom received a score of 90% in the good category. 2) There is a difference and an increase in students' scientific literacy skills resulting from the application of the ttw learning model integrated with local wisdom with a significance value of $0.000 < 0.005$ and an N-gain score of 0.74. 3) Student responses to the application of the TTW learning model integrated with local wisdom were very good, obtained from a questionnaire score of 83.2%. So it can be concluded that the application of the Think Talk Write Integrated Local Wisdom learning model can improve students' scientific literacy skills.

Keywords: Local Wisdom, Scientific Literacy Ability, TTW Learning Model