

Masna Awaliyah, 2019. *Penerapan Contextual Teaching and Learning (CTL) Untuk Melatih Literasi Sains Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura, Dosen Pembimbing 1 Yunin Hidayati dan Dosen Pembimbing 2 Wiwin Puspita Hadi.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui penerapan pendekatan *Contextual Teaching and Learning* (CTL) untuk melatih literasi sains siswa, keterlaksanaan pembelajaran dan respon siswa dalam pembelajaran. Materi dalam penelitian ini adalah Eenergi dalam Kehidupan Sehari-hari kelas VII MTs Negeri Bangkalan. Jenis penelitian yang digunakan adalah *One-Shot Case Study*. Teknik pengumpulan sampel menggunakan *Purposive Sampling*. Sampel dalam penelitian ini adalah siswa kelas VII I sebagai kelas eksperimen. Teknik pengambilan data yang digunakan adalah tes literasi sains, observasi, angket, dan dokumentasi. Berdasarkan hasil penelitian diperoleh: (1) hasil tes literasi sains dengan rata-rata 87,5% dengan kategori sangat baik, level indikator nominal sebesar 65%, level indikator fungsional sebesar 68%, level indikator multidimensional sebesar 71%, dan level konseptual/prosedural sebesar 69%. (2) keterlaksanaan pembelajaran dari kedua observer dari keseluruhan pertemuan sebesar 68% dengan kategori baik. (3) respon siswa dalam penerapan *Contextual Teaching and Learning* (CTL) untuk melatih literasi sains siswa memperoleh persentase 86% dengan kategori sangat baik.

Kata Kunci: Literasi Sains, Pendekatan *Contextual Teaching and Learning* (CTL).

Masna Awaliyah, 2019. *An Application of Contextual Teaching and Learning (CTL) Approach to Train Students' Scientific Literacy*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo Madura University, Advisor I: Yunin Hidayati and Advisor II: Wiwin Puspita Hadi.

ABSTRACT

This study aims to determine an application of Contextual Teaching and Learning (CTL) approach to train students' scientific literacy, the implementation of learning and students' responses in learning. The material in this study is the energy in daily life of Islamic Junior High School (MTs) in class VII, Bangkalan. The type of research used is the One-Shot Case Study. The sample collection technique uses Purposive Sampling. The sample in this study is class VII students as an experimental class. The data collection techniques used are among scientific literacy tests, observations, questionnaires, and documentation. Based on the results of the study obtained: (1) The results of scientific literacy tests got a percentage 87.5% with very good categories, nominal indicator level was 65%, functional indicator level was 68%, multidimensional indicator level was 71%, and conceptual/procedural level was 69%. (2) The learning implementation of the two observers from the overall meeting was 68% with good category. (3) Students' responses in the application of Contextual Teaching and Learning (CTL) approach to train students' scientific literacy got a percentage 86% with a very good category.

Keywords: Contextual Teaching and Learning (CTL) Approach, Scientific Literacy