

Mufida Aulia. 2019. Penerapan Pendekatan *Contextual Teaching and Learning* Berbasis *Green Chemistry* Terhadap Karakter Peduli Lingkungan Siswa. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Dosen Pembimbing I Mochammad Ahied dan Pembimbing II Wiwin Puspitas Hadi.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui karakter peduli lingkungan, keterlaksanaan, dan respon siswa terhadap penggunaan pendekatan *contextual teaching and learning* berbasis *green chemistry*. Penelitian ini dilaksanakan di MTS Al-Huda Larangan Pamekasan tahun ajaran 2018/2019. Metode penelitian menggunakan *pre-experimental designs* dengan desain penelitian *one-shot case study*. Pengumpulan data menggunakan angket *self assessment*, *peer assessment*, *teacher observation*, lembar observasi keterlaksanaan pembelajaran, dan angket respon siswa. Hasil analisis data karakter peduli lingkungan pada angket *self assessment* diperoleh rata-rata 65% dengan kriteria baik dan *peer assessment* diperoleh rata-rata 63,4% dengan kriteria baik, sedangkan pada penilaian *teacher observation* termasuk ke dalam kategori sangat baik. Keterlaksanaan pembelajaran diperoleh rata-rata sebesar 95,24% dengan kategori sangat baik. Rata-rata respon siswa saat menggunakan pendekatan CTL berbasis *green chemistry* diperoleh rata-rata persentase sangat tidak setuju dan tidak setuju sebesar 0%, setuju sebesar 42,5%, dan sangat setuju sebesar 57,5% .

Kata kunci: *green chemistry*, karakter peduli lingkungan, pendekatan CTL.

Mufida Aulia. 2019. *Application of the approach contextual teaching and learning based on green chemistry towards the character of the student's environmental care*. Thesis, program study education natural science. Faculty of science education, University of Trunojoyo Madura. Supervisor I Mochammad Ahied and supervisor II Wiwin Puspita Hadi.

ABSTRACT

The aims of the research were to know the influence enviromently caring character, the implementation, and student respond on contextual teaching approach and learning based on green chemistry. This research was doing at Mts Al-Huda Larangan Pamekasan in 2018/2019. The research method uses pre-experimental designs with one-shot case study design. Data collection uses self-assessment questionnaires, peer assessment, teacher observation, learning implementation observation sheets, and student response questionnaires. The results of data analysis on character of environmental care in the self assessment questionnaire obtained an average of 65% with good criteria and peer assessment obtained an average of 63.4% with good criteria, while the teacher observation assessment included in the excellent category. The implementation of learning is obtained average 95,24% with very good category. The everage response of students when using CTL based approach to green chemistry obtained an average percentage of strongly disagreeing and disagreeing at 0%, agreeing 42,5%, and strongly agreeing at 57,5%.

Keywords: CTL approach, environmentally caring character, green chemistry.

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