

Aliman Ro'yun Zamzuri, 2023. *Penerapan Model Pembelajaran Awareness Training Terintegrasi Nature of Science Untuk Meningkatkan Hasil Belajar Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura, Pembimbing: Wiwin Puspita Hadi.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui perbedaan hasil belajar antara kelas kontrol dan eksperimen dengan menggunakan model pembelajaran *awareness training* terintegrasi *nature of science*. Penelitian ini menggunakan *Quasi Experimental Design* dengan *Nonequivalent Control Group Design*. Penelitian ini dilaksanakan di SMP Al-Kholilayah Bangkalan dengan menggunakan teknik *simple random sampling*, sehingga sampel yang digunakan sebanyak 20 siswa pada masing-masing kelas. Tes hasil belajar didasarkan pada taksonomi Bloom dengan level kognitif C1 hingga C6 berbentuk essay berjumlah 6 soal. Teknik analisis hipotesis menggunakan uji t sampel bebas. berdasarkan hasil penelitian dapat disimpulkan bahwa: 1. Model pembelajaran *awareness training* terintegrasi *nature of science* berpengaruh terhadap hasil belajar siswa, dibuktikan dengan hasil uji t sampel bebas didapat nilai signifikansi $0.000 < 0,05$ maka H_0 ditolak dan H_1 diterima. 2. Hasil tes belajar kelas eksperimen lebih baik dibandingkan kelas kontrol dengan nilai rata-rata kelas eksperimen sebesar 58,35, sedangkan kelas kontrol sebesar 24,95 dengan persentase selisih sebesar 57,41%. 3. Keterlaksanaan pembelajaran diperoleh persentase rata-rata sebesar 100% dengan kategori sangat tinggi baik keterlaksanaan guru maupun siswa. 4. Respons siswa terhadap model pembelajaran *awareness training* terintegrasi *nature of science* menunjukkan nilai tertinggi yang diperoleh dari tiap aspek yaitu aspek rasa ketertarikan dalam proses pembelajaran dengan persentase tertinggi sebesar 70% dengan kriteria baik, aspek pemahaman materi dengan persentase tertinggi sebesar 60% dengan kriteria baik, pada aspek kesadaran diri dalam berkomunikasi (hubungan interpersonal) dengan persentase tertinggi sebesar 80% dengan kriteria baik, pada aspek kesadaran personal dengan persentase tertinggi sebesar 65% dengan kriteria baik dan pada aspek pemahaman sesuai aspek *nature of science* yang diintegrasikan dengan persentase tertinggi 60% dengan kriteria baik.

Kata kunci: *Awareness Training, Nature of Science, Hasil Belajar*

Aliman Ro'yun Zamzuri, 2023. *Application of the Nature of Science Integrated Awareness Training Learning Model to Improve Student Learning Outcomes*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo University Madura, Advisor: Wiwin Puspita Hadi.

ABSTRACT

This study aims to determine differences in learning outcomes between the control and experimental classes by using the integrated nature of science awareness training learning model. This research uses Quasi Experimental Design with Nonequivalent Control Group Design. This research was conducted at SMP Al-Kholiliyah Bangkalan using a simple random sampling technique, so that the sample used was 20 students in each class. The learning achievement test is based on Bloom's taxonomy with cognitive levels C1 to C6 in the form of an essay totaling 6 questions. The hypothesis analysis technique uses the free sample t test. based on the results of the study it can be concluded that: 1. The learning model of awareness training integrated with nature of science has an effect on student learning outcomes, as evidenced by the results of the free sample t test obtained a significance value of $0.000 < 0.05$, then H_0 is rejected and H_1 is accepted. 2. The test results for the experimental class were better than the control class with an average score of 58.35 for the experimental class, while for the control class it was 24.95 with a percentage difference of 57,41%. 3. The implementation of learning obtained an average percentage of 100% with a very high category of both teacher and student implementation. 4. Student responses to the nature of science integrated awareness training learning model show the highest score obtained from each aspect, namely the aspect of interest in the learning process with the highest percentage of 70% with good criteria, the material understanding aspect with the highest percentage of 60% with good criteria , on the aspect of self-awareness in communication (interpersonal relations) with the highest percentage of 80% with good criteria, on the aspect of personal awareness with the highest percentage of 65% with good criteria and on the aspect of understanding according to the integrated nature of science aspect with the highest percentage of 60% with good criteria.

Keywords: Awareness Training, Nature of Science, Learning Outcomes