

ABSTRAK

KHAIRUNNISA NASUTION: Pengaruh Metode Pembelajaran *Think Pair Share* Terhadap Peningkatan Kemampuan Berpikir Kritis Siswa Pada Materi Sistem Pernapasan Manusia (Penelitian *Quasi Eksperimental* di Kelas XI di MAN 1 Mandailing Natal)

Tujuan dari penelitian ini adalah mendeskripsikan keterlaksanaan metode, menganalisis peningkatan kemampuan berpikir kritis, menganalisis pengaruh, dan mendeskripsikan respon siswa terhadap metode pembelajaran *Think Pair Share* pada materi sistem pernapasan manusia. Metode dalam penelitian ini adalah *Quasi Eksperimen*. Sampel dalam penelitian ini adalah siswa kelas XI MIA 1 sebagai kelas eksperimen dan siswa kelas XI MIA 2 sebagai kelas kontrol. Instrumen penelitian yang digunakan adalah lembar observasi, soal tes kemampuan berpikir kritis, dan angket respon siswa. Hasil dari penelitian ini diantaranya keterlaksanaan kegiatan pembelajaran menggunakan metode *Think Pair Share* terlaksana dengan baik. Rata-rata nilai *N-gain* kelas eksperimen yaitu *pretest* 41,29, *posstest* 83,18 dan *N-gain* 0,71 sebesar kriteria tinggi dan kelas control *pretest* 40,29, *posstest* 60,18 dan *N-gain* sebesar 0,33 kriteria sedang. Dapat disimpulkan terdapat pengaruh terhadap peningkatan kemampuan berpikir kritis siswa pada materi sistem pernapasan manusia dengan $T_{hitung} 17,819 > T_{tabel} 2,012$.

Kata kunci: Keterampilan berpikir kritis, Metode pembelajaran *Think Pair Share*, Sistem pernapasan manusia.

ABSTRACT

KHAIRUNNISA NASUTION: The Effect of Think Pair Share Learning Method on Improving Students' Critical Thinking Ability on Human Respiratory System Material (Quasi Experimental Research in Class XI at MAN 1 Mandailing Natal)

The purpose of this study is to describe the implementation of the method, analyze the improvement of critical thinking skills, analyze the effect, and describe the student's response to the Think Pair Share learning method on the material of the human respiratory system. The method in this research is Quasi Experiment. The samples in this study were students of class XI MIA 1 as the experimental class and students of class XI MIA 2 as the control class. The research instruments used were observation sheets, critical thinking ability test questions, and student response questionnaires. The results of this study include the implementation of learning activities using the Think Pair Share method well. The average N-gain value of the experimental class is 41.29 pretest, posttest 83.18 and N-gain 0.71 with high criteria and control class pretest 40.29, posttest 60.18 and N-gain 0.33 criteria currently. It can be concluded that there is an effect on increasing students' critical thinking skills on the material of the human respiratory system with $T_{count} 17.819 > T_{table} 2.012$.

Keywords: Critical thinking skills, Think Pair Share learning method, Human respiratory system.

