

ABSTRAK

Hamidah Hannum Nasution: **Efektivitas Strategi Pembelajaran CTL Berbasis Lesson Study Berbantuan eXe-Learning Terhadap Minat Belajar Dan Hasil Belajar Siswa Pada Materi Laju Reaksi**. Tesis. Medan: Program Studi Pendidikan Kimia, Pascasarjana Universitas Negeri Medan, 2016.

Penelitian ini bertujuan untuk mengetahui: 1) apakah hasil belajar siswa yang diajarkan dengan strategi pembelajaran CTL berbasis *lesson study* berbantuan *eXe-learning* lebih baik daripada strategi pembelajaran *Ekspositori* berbasis *lesson study* tanpa bantuan *eXe-learning*; 2) apakah hasil belajar siswa yang memiliki minat belajar tinggi lebih baik daripada hasil belajar siswa yang memiliki minat belajar rendah; 3) apakah ada interaksi antara kedua strategi pembelajaran dan minat belajar terhadap hasil belajar siswa; 4) bagaimana pengaruh hasil belajar dan minat belajar siswa terhadap kedua strategi pembelajaran. Populasi dalam penelitian ini adalah seluruh siswa kelas XI IPA di SMA AL-Fattah Medan, SMA Al-Hidayah Medan dan SMA Taman Siswa Lubuk Pakam Tahun Ajaran 2015/2016. Teknik pengambilan sampel adalah *purposive sampling*. Sampel penelitian ini adalah tiga sekolah di SMA Swasta masing-masing sebanyak 2 kelas. Instrumen penelitian berupa tes objektif hasil belajar yang sudah valid, tes minat belajar dan lembar observasi *Lesson Study*. Teknik analisis yang digunakan teknik *Two Way Anova* pada program SPSS 21. Hasil penelitian disimpulkan bahwa: 1) Hasil belajar siswa yang diajarkan dengan strategi pembelajaran CTL berbasis *lesson study* berbantuan *eXe-learning* lebih baik daripada strategi pembelajaran *ekspositori* berbasis *lesson study* tanpa media *eXe-learning* dimana nilai sig ($p = 0,005 < 0,05$). 2) Hasil belajar siswa yang memiliki minat belajar tinggi lebih baik daripada hasil belajar siswa yang memiliki minat belajar rendah. ($p = 0,000 < 0,05$). 3) Ada interaksi antara kedua strategi pembelajaran dengan minat belajar terhadap hasil belajar siswa ($p = 0,000 < 0,05$). 4) Hasil belajar dengan KKM dari masing-masing sekolah yang diteliti menunjukkan tingkat ketuntasan belajar tuntas paling besar terdapat pada kelas eksperimen.

Kata Kunci: *Contextual Teaching Learning (CTL)*, *Lesson Study*, *eXe learning*, Minat Belajar, Hasil Belajar, Laju Reaksi.



ABSTRACT

Hamidah Hannum Nasution: **The Effectiveness of Learning Strategies CTL Based Lesson Study with eXe -Learning Against Assisted Interest in Learning and Learning Outcomes In the Matter Reaction rate.** Thesis. Medan : Study Program of Chemistry, Graduate University of Medan, 2016.

This study aims to determine: 1) whether the learning outcomes of students taught by CTL learning strategy based lesson study aided eXe-learning is better than learning strategy based lesson study Expository unaided eXe-learning; 2) whether the learning outcomes of students who have a high interest in learning is better than learning outcomes of students who have low learning interest; 3) whether there is an interaction between the learning strategies and interest in learning to student learning outcomes; 4) how to influence both learning strategies to KKM student. Populasi in this study were all students of class XI IPA at SMA AL-Fattah Medan, SMA Al-Hidayah Medan and SMA Taman Siswa Lubukpakam Academic Year 2015/2016. The sampling technique is purposive sampling. Samples were three private high school respectively of two classes. The research instrument is an objective test results are valid learning, test learning and observation sheet Lesson Study. The analysis technique used technique of Two Way Anova and Correlation test in SPSS 21. The results of the study concluded that: 1) The results of students' learning strategies taught by CTL-based lesson study aided eXe-learning is better than learning strategy based expository lesson study without media eXe-learning where the value sig ($p = 0.005 < 0.05$). 2) student learning which has a high interest in learning is better than learning outcomes of students who have low learning interest. ($P = 0.000 < 0.05$). 3) There is an interaction between the learning strategy and the interest of learning on student learning outcomes ($p = (0.000 < 0.05)$). 4) Learning outcomes with the chief engineer of the respective school massing studied indicates the level of mastery learning most completely contained in the experimental class.

Keywords : Contextual Teaching Learning (CTL) , Lesson Study , eXe learning , Interest in Learning , Learning Outcomes , rate of reaction .

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