

**PERBEDAAN HASIL BELAJAR SISWA MENGGUNAKAN MODEL
PEMBELAJARAN *INDEX CARD MATCH* DAN *TALKING STICK*
PADA SUBMATERI SISTEM INDERA MANUSIA DI KELAS
XI IPA SMA NEGERI 6 MEDAN T.P. 2015/2016**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui perbedaan hasil belajar siswa menggunakan model pembelajaran *index card match* dan *talking stick* pada submateri sistem indera manusia di kelas XI IPA SMA Negeri 6 Medan. Jenis penelitian ini adalah eksperimen semu (*quasi experiment*) dengan desain penelitian *non equivalent pre-test post-test control group design*. Populasi penelitian adalah seluruh siswa kelas XI IPA SMA Negeri 6 Medan. Sampel diambil dengan teknik *purposive sampling*, terdiri dari 2 kelas, kelas XI IPA₃ diajar menggunakan model pembelajaran *index card match* dan XI IPA₄ diajar menggunakan model pembelajaran *talking stick*, masing-masing kelas terdapat 35 siswa. Analisis data menunjukkan bahwa rata-rata hasil belajar siswa menggunakan model pembelajaran *index card match* (\bar{X}) = 77.02 dengan standar deviasi (SD) = 8.476 dan rata-rata menggunakan model pembelajaran *talking stick* (\bar{X}) = 71.08 dengan standar deviasi (SD) = 8.406. Rata-rata hasil belajar siswa menggunakan model pembelajaran *index card match* lebih tinggi daripada menggunakan model pembelajaran *talking stick*. Pengujian hipotesis menggunakan uji-t dan taraf signifikansi (α) = 0.05 diperoleh $t_{hitung} > t_{tabel}$ (2.956 > 1.997) yang berarti H_0 ditolak dan H_a diterima. Maka dapat disimpulkan bahwa terdapat perbedaan hasil belajar siswa menggunakan model pembelajaran *index card match* dan *talking stick* pada submateri sistem indera manusia di kelas XI IPA SMA Negeri 6 Medan T.P. 2015/2016.

Kata kunci : *sistem indera manusia, hasil belajar, model pembelajaran index card match, model pembelajaran talking stick.*

**THE DIFFERENCES IN STUDENTS LEARNING OUTCOMES BY
USING INDEX CARD MATCH AND TALKING STICK MODELS
ON SUBTOPIC HUMAN SENSORY SYSTEM IN CLASS XI IPA
SMA NEGERI 6 MEDAN ACADEMIC YEAR 2015/2016**

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ABSTRACT

This research is aimed to determine differences in students learning outcomes by using index card match and talking stick models on subtopic human sensory system in class XI IPA SMA Negeri 6 Medan. The type of research was quasi experiment with non equivalent pre-test post-test control group design. The population was students of class XI IPA SMA Negeri 6 Medan. The samples were decided by using purposive sampling, which consisted of two classes, XI IPA₃ class taught by using index card match model and XI IPA₄ class taught by using talking stick model with 35 students in each class. The data analysis showed the average of students learning outcomes by using index card match model (\bar{X}) = 77.02 with standard deviation (SD) = 8.476 and average by using talking stick model (\bar{X}) = 71.08 with standard deviation (SD) = 8.406. The average of students learning outcomes by using index card match model was higher than talking stick model. Hypothesis testing was performed by t-test and significance level (α) = 0.05 obtained $t_{\text{calculate}} > t_{\text{table}}$ (2.956 > 1.997) which meant that H_0 was rejected and H_a was accepted. Thus it was concluded that there were differences in students learning outcomes by using index card match and talking stick models on subtopic the human sensory system in class XI IPA SMA Negeri 6 Medan Academic Year 2015/2016.

Keywords : *human sensory system, learning outcomes, index card match, talking stick.*