PENERAPAN METODE *MIND MAPPING* DIKOMBINASI DENGAN TEKNIK *MAKE A MATCH* TERHADAP SIKAP KERJA SAMA DAN HASIL BELAJAR SISWA PADA SUB MATERI SISTEM EKSKRESI MANUSIA DI KELAS XI MIA MAN LUBUK PAKAM T.P 2017/2018

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ABSTRAK

Penelitian ini bertujuan untuk mendeskripsikan penerapan pembelajaran Biologi menggunakan metode *Mind Mapping* dikombinasi dengan teknik *Make A Match* di kelas XI MIA MAN Lubuk Pakam T.P 2017/2018. Deskripsi dilakukan terhadap: 1) Kemampuan guru dalam mengimplementasikan perangkat pembelajaran; 2) Sikap kerja sama siswa ketika menyusun *Mind Mapping* pada materi sistem ekskresi manusia; 3) Hasil belajar siswa kelas XI MIA setelah mendapatkan pembelajaran metode *Mind Mapping* dikombinasi dengan teknik *Make A Match*. Penelitian menggunakan desain penelitian deskriptif. Seluruh rangkaian proses penelitian dilakukan mengacu pada standart lulusan, standart proses, dan standart penilaian yang diberlakukan pada kurikulum 2013. Pada tahap implementasi pembelajaran dilakukan: 1) Pengukuran kemampuan guru melaksanakan pembelajaran; 2) Sikap kerja sama siswa ketika menyusun *Mind Mapping* pada materi sistem ekskresi manusia; 3) Pengukuran hasil belajar siswa. Analisis data dilakukan dengan teknik statistik deskriptif, dalam bentuk rata-rata, simpangan baku, distribusi frekuensi, dan deskripsi rekaman pembelajaran. Hasil penelitian diperoleh: 1) Guru dapat mengimplementasikan dengan baik perangkat pembelajaran Biologi materi sistem ekskresi manusia di kelas XI MIA MAN Lubuk Pakam dengan menggunakan metode *Mind Mapping* dikombinasi dengan teknik *Make A Match*; 2) Kerja sama siswa kelas XI MIA MAN Lubuk Pakam ketika menyusun *Mind Mapping* pada materi sistem ekskresi manusia tergolong baik; 3) Sebaran ketuntasan belajar siswa kelas XI MIA MAN Lubuk Pakam setelah mendapat pembelajaran metode *Mind Mapping* dikombinasi dengan teknik *Make A Match* adalah 76,1% siswa tuntas dan 23,9% belum tuntas. Ketuntasan belajar pada metode *Mind Mapping* dikombinasi dengan teknik *Make A Match* lebih tinggi dibanding pretest.

Kata-kata Kunci: Metode *Mind Mapping,* Teknik *Make A Match,* Pembelajaran Biologi, Kerja Sama Siswa, Hasil Belajar.

IMPLEMENTATION OF *MIND MAPPING* METHODS COMBINED WITH *MAKE A MATCH* TECHNIQUES ON COOPERATION ATTITUDE AND STUDENT LEARNING OUTCOMES AT SUB MATERIALS OF HUMAN EXCRETION SYSTEM IN CLASS XI MIA MAN LUBUK PAKAM ACADEMIC YEAR 2017/2018

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ABSTRACT

This study aims to describe the implementation of Biology learning using the *Mind Mapping* method combined with the *Make A Match* technique in class XI MIA MAN Lubuk Pakam T.P 2017/2018. Descriptions done on: 1) The ability of teachers to implementing the learning tools; 2) The attitude of students cooperation when composing a *Mind Mapping* on the material of the human excretion system; 3) Learning outcomes of class XI MIA students after getting learning the *Mind Mapping* method combined with *Make A Match* techniques. The study used a descriptive research design. The whole series of research processes are conducted with the standards of graduates, processes standard, and assessment standards applied in the 2013 curriculum. In the implementation phase of instruction is done: 1) Measurement of teachers ability to prepare lesson plan and implement teaching learning; 2) The attitude of students cooperation when composing a *Mind Mapping* on the material of the human excretion system; 3) Measurement of student learning outcomes. Data analysis was done by descriptive statistic technique, in mean form, standard deviation, frequency distribution, and description of learning recordings. The results of the research are: 1) The teacher can implement well the Biology learning device material of the human excretion system in class XI MIA Lubuk Pakam MAN using the *Mind Mapping* method combined with the *Make A Match* technique; 2) The collaboration of students in class XI MIA MAN Lubuk Pakam when composing a *Mind Mapping* is in the good category; 3) The distribution of mastery learning in class XI MIA MAN Lubuk Pakam after learning the *Mind Mapping* method combined with *Make A Match* technique is 76,1% of students reaching completeness and 23,9% unfinished. The learning mastery in the *Mind Mapping* method combined with the *Make A Match* technique is higher than the previous daily test.

Key Words: *Mind Mapping* Method, *Make A Match* Technique, Biology Learning, Student Cooperation, Learning Outcomes.