

Upaya Meningkatkan Hasil Belajar Materi Ekosistem Melalui Model Kooperatif Tipe Student Facilitator And Explaining Dikombinasikan Dengan Mind Mapping Di Kelas X SMA Negeri 1 Siantar Narumonda Porsea Tahun Pembelajaran 2014/2015

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ABSTRAK

Penelitian ini bertujuan untuk meningkatkan hasil belajar dan aktivitas belajar siswa di kelas X-5 SMA Negeri 1 Siantar Narumonda Porsea dengan menggunakan kombinasi model pembelajaran kooperatif tipe *Student Facilitator and Explaining* (SFAE) dan *Mind mapping* mata pelajaran Biologi. Subjek penelitian adalah seluruh siswa kelas X-5 SMA Negeri 1 Siantar Narumonda Porsea Tahun pembelajaran 2014/2015. Penelitian ini di desain dalam bentuk penelitian tindakan kelas (*Classroom Action Research*) yang dilakukan dengan dua siklus. Adapun yang menjadi indikator keberhasilan penelitian meliputi: persentase peningkatan hasil belajar, ketuntasan belajar, aktivitas belajar dan penilaian *Mind mapping* yang dikerjakan oleh siswa. Instrumen yang digunakan adalah tes kognitif siswa. Hasil penelitian menunjukkan adanya peningkatan hasil belajar siswa sebanyak 13 orang. Nilai rata-rata yang diperoleh oleh siswa pada pretest siklus I adalah 52,60 dan pada siklus II 60,78 rata-rata posttest siklus I adalah 69,37 (15 orang siswa tuntas) dan nilai rata-rata pada siklus II 80,31 (28 orang siswa tuntas). Persentase ketuntasan nilai siswa secara klasikal pada siklus I adalah 46,87%, hal ini belum mencapai kriteria ketuntasan secara klasikal karena belum mencapai $\geq 80\%$. Pada siklus II diperoleh ketuntasan belajar secara klasikal menjadi 87,50%. Dalam aspek aktivitas belajar siswa pada siklus I secara klasikal adalah 65% siswa yang aktif dan pada siklus II diperoleh menjadi 84%. Dalam penilaian *Mind mapping* pada siklus I diperoleh rata-rata 65,28% dan hasilnya meningkat pada siklus II menjadi 81,40%. Hasil penelitian membuktikan, kombinasi model pembelajaran kooperatif tipe *Student Facilitator and Explaining* (SFAE) dan *Mind mapping* dapat meningkatkan hasil belajar kelas X-5 SMA Negeri 1 Siantar Narumonda Porsea Tahun pembelajaran 2014/2015.

Kata Kunci: *SFAE, Mind mapping, Hasil belajar.*

**The Efforts To Improve The Learning Progress Of Ecosystem Material
Through Cooperative Learning Model Type Student Facilitator And
Explaining Combined With Mind Mapping In Grade X SMA
Negeri 1 Siantar Narumonda Porsea Academic
Year 2014/2015**

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ABSTRACT

This research aims to improve achievement and learning activity students at class X-5 SMA Negeri 1 Siantar Narumonda Porsea by combining Cooperative Learning Model type Student Facilitator and Explaining (SFAE) and Mind Mapping on Bilology subject. The subject of this research was the whole students at class X-5 SMA Negeri 1 Siantar Narumonda Porsea in academic year 2014/2015. This object will be designed by using classroom action research, which was done in two cycles. The indicator of the successful of this research included the improvement of learning's achievement, the learning's completeness, the learning activity and the Mind Mapping's score done by the students. The instrument used for collecting data was students' cognitive test. The result of this research showed that there was an improvement of students' achievement about 13 students. The mean score of the students of the pretest in cycle I was 52.60 and in cycle II was about 60.78. The mean score of the posttest in cycle II was 69.73 (15 students exceeded the score) and in cycle II was 80.31 (28 students exceeded the score). The percentage of students' exceeding score in cycle I was 46.87% and it did not exceed the Minimal Completeness Criteria (KKM) classically for about 80%. In cycle II, the completeness criteria classically became 87.50%. On students' learning activity in cycle I, the percentage was 65% students were active and in cycle II was 84%. In Mind Mapping scoring of cycle I was 65.28% and the result was improved in cycle II was 81.40%. The result of this research showed that the combination of cooperative learning model type Student Facilitator and Explaining (SFAE) and Mind Mapping can improve the students' achievement at class X-5 SMA Negeri 1 Siantar Narumonda Porsea Academic Year 2014/2015.

Keywords: SFAE, *Mind Mapping*, *Students' Achievement*.