

**PENERAPAN MODEL PEMBELAJARAN KOOPERATIF TIPE *JIGSAW*
UNTUK MENINGKATKAN MOTIVASI DAN HASIL BELAJAR PADA
MATERI PENCEMARAN DAN KERUSAKAN LINGKUNGAN KELAS
VIIB SMP KANISIUS KALASAN YOGYAKARTA**

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ABSTRAK

Latar belakang penelitian ini adalah rendahnya motivasi dan hasil belajar siswa kelas VIIB SMP Kanisius Kalasan Yogyakarta. Penelitian ini bertujuan untuk meningkatkan motivasi dan hasil belajar siswa kelas VIIB SMP Kanisius Kalasan Yogyakarta melalui penerapan model pembelajaran kooperatif tipe *Jigsaw* pada materi pencemaran dan kerusakan lingkungan. Penelitian dilaksanakan dalam 2 siklus dan masing-masing siklus terdiri atas 2 kali pertemuan. Data yang diperoleh yaitu berupa data hasil tes akhir (*post test*) dari setiap siklus, data hasil observasi aspek afektif dan hasil pengisian kuisioner motivasi. Analisis data dalam penelitian ini dilakukan secara kualitatif dan kuantitatif.

Hasil penelitian menunjukkan adanya peningkatan motivasi dan hasil belajar siswa. Untuk motivasi awal, terdapat 60% siswa berada pada kategori sangat tinggi dan 40% siswa berada pada kategori tinggi. Sedangkan pada siklus II terdapat 88% siswa pada kategori sangat tinggi dan 12% siswa pada kategori tinggi. Untuk hasil belajar pada siklus I aspek kognitif diperoleh rata-rata yang diperoleh 67,16 dengan ketuntasan kelas sebesar 40%, sedangkan pada siklus II diperoleh rata-rata 84,76 dengan ketuntasan kelas yaitu 80%. Untuk hasil belajar aspek afektif, pada siklus I sebesar 84% siswa pada kategori tinggi dan 16% siswa pada kategori sedang, pada siklus II persentasenya kategori tinggi sebesar 100%.

Kesimpulan yang diperoleh adalah penerapan model pembelajaran kooperatif tipe *Jigsaw* pada materi pencemaran dan kerusakan lingkungan meningkatkan motivasi dan hasil belajar siswa kelas VII SMP Kanisius kalasan Yogyakarta.

Kata Kunci :

Kooperatif tipe jigsaw, pencemaran dan kerusakan lingkungan, motivasi dan hasil belajar.

THE APPLICATION OF COOPERATIVE LEARNING MODEL OF JIGSAW TYPE TO INCREASE THE MOTIVATION AND THE LEARNING RESULTS ON ENVIRONMENTAL POLLUTION AND DAMAGE MATERIAL AT VIIB GRADE IN SMP KANISIUS KALASAN YOGYAKARTA

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ABSTRACT

This research is conducted because of the lack of motivation and performance in learning biology on VIIB SMP Kanisius Kalasan. The research aimed at increasing the motivation and the learning result of VIIB grade students in SMP Kanisius Kalasan Yogyakarta by using the application of cooperative learning model of jigsaw type on environmental pollution and damage material. The research was conducted in 2 cycles in which cycle had 2 meetings. Data obtained were posttest result of each cycle, the result of observation in affective aspect, and the result of motivation questionnaire filling. The data was analyzed by qualitatively and quantitatively.

The result of the research showed that there was an increase in the motivation and the learning results of the students. In the initial motivation, 60% students were in very high category and 40% students were in high category. Meanwhile, in cycle II, 88% students were in very high category and 12% students were in high category. In the learning result in cycle I, the average of the cognitive aspect was 67.16 with 40% of class completeness. Meanwhile, in cycle II, the average of the cognitive aspect was 84.76 with 80% of class completeness. The result of the affective aspect in cycle I, 84% students were in high category and 16% students were in medium category. In cycle II, there was 100% of high category of the affective aspect.

It could be concluded that the application of cooperative learning model of jigsaw type on environmental pollution and damage material could increase the motivation and the learning result of VIIB grade students in SMP Kanisius Kalasan Yogyakarta.

Keywords :

Cooperative of jigsaw type, environmental pollution and damage, motivation and learning result.