

ABSTRAK

Azmi Riduan Alfayed Siregar: Penerapan Model Pembelajaran Kooperatif Tipe Team Games Tournament Untuk Meningkatkan Hasil Belajar Pada Mata Pelajaran Dasar-Dasar Desain Pemodelan Dan Informasi Bangunan Pada Kelas X SMK Negeri 5 Medan. Skripsi. Fakultas Teknik. Universitas Negeri Medan. 2025

Penelitian ini bertujuan untuk melihat peningkatan hasil belajar Dasar – Dasar DPIB pada fase E elemen 5 Spesifikasi dan karakteristik bahan bangunan siswa setelah penerapan model pembelajaran Team Games Tournament (TGT) pada kelas X DPIB SMK Negeri 5 Medan di semester genap tahun ajaran 2024/2025. Rancangan penelitian yang digunakan adalah penelitian tindakan kelas (PTK). Prosedur tindakan dikemas ke dalam dua siklus pembelajaran. Dimana siklus pertama dan kedua sama-sama mempelajari spesifikasi dan karakteristik bahan bangunan. Setiap siklus terdiri dari tahapan perencanaan, tindakan, pengamatan dan refleksi. Hasil penelitian diambil dari tes hasil belajar siswa dan lembar observasi. Penelitian dikatakan berhasil diukur berdasarkan rata-rata kumulatif hasil belajar siswa memperoleh nilai minimal 70 dan tuntas secara klasikal jika seluruh kelas $\geq 75\%$ siswanya tuntas. Hasil penelitian menunjukkan nilai hasil belajar siswa mengalami peningkatan, yaitu pada siklus I rata-rata hasil belajar siswa 58 dengan presentase ketuntasan siswa mencapai 0%. Dan pada siklus II mengalami peningkatan nilai rata-rata hasil belajar siswa mencapai 86 dengan presentase ketuntasan siswa mencapai 100 % atau 35 siswa dengan keterangan “Tuntas”. Dengan demikian, dapat disimpulkan bahwa penerapan model pembelajaran kooperatif tipe team games tournament untuk meningkatkan hasil belajar dasar-dasar desain pemodelan dan informasi bangunan pada siswa kelas X SMK Negeri 5 Medan Tahun Ajaran 2024/2025 membuktikan peningkatan hasil belajar. Maka, dari hasil penelitian di atas pengajuan hipotesis yang menyatakan bahwa : penerapan model pembelajaran *Team Games Tournament* (TGT) pada kelas X DPIB di SMK Negeri 5 Medan dapat meningkatkan hasil belajar pada mata pelajaran dasar-dasar DPIB pada fase E elemen 5 Spesifikasi dan karakteristik bahan bangunan dapat diterima.

Kata Kunci : *Model Pembelajaran Kooperatif Tipe Team Games Tournament*

ABSTRACT

Azmi Riduan Alfayed Siregar. Implementation of the Team Games Tournament Type Cooperative Learning Model to Improve Learning Outcomes in the Basics of Building Design, Modeling and Information Subjects in Class X of SMK Negeri 5 Medan. Undergraduated Thesis, Faculty of Technique. Universitas Negeri Medan

This study aims to observe the improvement in student learning outcomes in the subject *Fundamentals of DPIB* (Design, Modeling, and Building Information) at Phase E, Element 5: Specifications and Characteristics of Building Materials, following the implementation of the Team Games Tournament (TGT) cooperative learning model in Grade X DPIB at SMK Negeri 5 Medan during the even semester of the 2024/2025 academic year. The research design used is Classroom Action Research (CAR). The action procedure was carried out over two learning cycles, both of which focused on the topic of specifications and characteristics of building materials. Each cycle consisted of the stages of planning, action, observation, and reflection. The research results were obtained through student achievement tests and observation sheets. The success of the research was measured by the cumulative average score of student learning outcomes reaching a minimum of 70, and being considered classically complete if $\geq 75\%$ of the class achieved mastery. The findings showed an improvement in student learning outcomes: in Cycle I, the average student score was 58 with a mastery percentage of 0%. In Cycle II, the average score increased to 86, with a 100% mastery rate, or 35 students achieving the "Mastered" status. Therefore, it can be concluded that the implementation of the Team Games Tournament (TGT) cooperative learning model effectively improved the learning outcomes in *Fundamentals of DPIB* for Grade X students at SMK Negeri 5 Medan in the 2024/2025 academic year. Based on these findings, the proposed hypothesis stating that the implementation of the Team Games Tournament (TGT) model in Grade X DPIB at SMK Negeri 5 Medan can improve student learning outcomes in the *Fundamentals of DPIB* subject at Phase E, Element 5: Specifications and Characteristics of Building Materials is accepted.

Keywords : Team Games Tournament Type Cooperative Learning Model