

ABSTRAK

DELI KESUMA. Pengembangan model pembelajaran kooperatif tipe jigsaw berbasis 4c (*critical thinking, communication, collaboration, and creativity*) dalam peningkatan kemampuan pemecahan masalah Dalam Pembelajaran Tematik. Disertasi. Medan: Program Studi Pendidikan Dasar Pascasarjana Universitas Negeri Medan, 2021.

Penelitian ini bertolak dari model pembelajaran yang dilakukan masih mengarah pada pembelajaran konvensional dan masih sedikit melakukan pengembangan model pembelajaran dalam kegiatan proses belajar mengajar. Penelitian ini bertujuan untuk: (1) menghasilkan produk pengembangan model pembelajaran kooperatif tipe jigsaw berbasis *critical thinking, communication, collaboration, and creativity* yang valid; (2) mengetahui keefektifan penerapan pembelajaran produk pengembangan model pembelajaran kooperatif tipe jigsaw berbasis *critical thinking, communication, collaboration, and creativity* yang dilakukan oleh guru; dan (3) mengetahui keefektifan produk pengembangan model pembelajaran kooperatif tipe jigsaw berbasis *critical thinking, communication, collaboration, and creativity* dalam meningkatkan kemampuan pemecahan masalah. Metode yang akan digunakan dalam penelitian ini yaitu metodologi *developmental research 4D* menurut Ghiadarajan, Subjek dalam penelitian ini adalah siswa kelas V SD Negeri 067690 Medan dan sebagai objek dalam penelitian ini adalah model pembelajaran kooperatif tipe jigsaw berbasis 4C (Jigsaw-4c). Instrumen pengumpulan data yang digunakan terdiri dari: tes kemampuan pemecahan masalah dan lembar observasi kemampuan guru mengelola pembelajaran. Hasil penelitian menunjukkan bahwa: (1) rata-rata skor seluruhnya terhadap Penilaian dan Tanggapan untuk Ahli Model berada pada kategori di atas empat dengan kriteria "valid". Sehingga dapat disimpulkan bahwa Penilaian dan Tanggapan untuk Ahli Model dapat digunakan dengan revisi kecil; (2) Kemampuan guru mengelola pembelajaran dengan Model pembelajaran kooperatif tipe jigsaw berbasis *critical thinking, communication, collaboration, and creativity* berada pada kriteria baik; dan (3) Kemampuan Pemecahan Masalah siswa yang diajarkan dengan model pembelajaran kooperatif tipe jigsaw berbasis *critical thinking, communication, collaboration, and creativity* lebih tinggi dari pada Kemampuan Pemecahan Masalah siswa siswa yang diajarkan dengan model pembelajaran konvensional.

Kata Kunci: *Model pembelajaran kooperatif tipe jigsaw berbasis 4c, dan Kemampuan Pemecahan Masalah*

ABSTRACT

DELI KESUMA. Development of a jigsaw type of cooperative learning model based on 4c (critical thinking, communication, collaboration, and creativity) in improving problem solving abilities in Thematic Learning. Dissertation. Medan: Postgraduate Basic Education Study Program, State University of Medan, 2021.

This research departs from the learning model that tends to be conventional and has never developed a learning model in teaching and learning activities. This study aims to: (1) produce a product for developing a valid jigsaw type of cooperative learning model based on critical thinking, communication, collaboration, and creativity; (2) determine the effectiveness of the application of learning products for the development of a jigsaw type cooperative learning model based on critical thinking, communication, collaboration, and creativity carried out by the teacher; and (3) to determine the effectiveness of the product development of a jigsaw type cooperative learning model based on critical thinking, communication, collaboration, and creativity in improving problem solving skills. The subjects in this study were fifth grade students at SD Negeri 067690 Medan and the object of this research was the 4C-based jigsaw cooperative learning model (Jigsaw-4c). The data collection instruments used consisted of: problem-solving ability tests and observation sheets on the teacher's ability to manage learning. The results showed that: (1) the overall average score on the Assessment and Responses for Model Experts was in the above four categories with "valid" criteria. So it can be concluded that the Assessment and Feedback for Model Experts can be used with minor revisions; (2) The ability of teachers to manage learning with the jigsaw type cooperative learning model based on critical thinking, communication, collaboration, and creativity is in good criteria; and (3) the problem-solving ability of students taught by the jigsaw type of cooperative learning model based on critical thinking, communication, collaboration, and creativity is higher than the problem-solving ability of students taught by conventional learning models.

Keywords: Jigsaw-based cooperative learning model 4c, and Problem Solving Ability