

ABSTRAK

Mona Maryantina. 2020. Penerapan Teori Sosiokultural Dalam Pembelajaran Kalor dan Perpindahannya Dengan Metode Demonstrasi Siswa Kelas VIIC SMPN 2 Depok. Program Studi Pendidikan Fisika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma.

Penelitian ini bertujuan untuk (1) Bagaimana profil *Zone of Proximal Development* siswa tentang Kalor dan Perpindahannya? (2) Bagaimana penerapan konsep *scaffolding* dalam pembelajaran Kalor dan Perpindahannya? (3) Bagaimana dampak dari penerapan konsep *scaffolding* pada pembelajaran Kalor dan Perpindahannya setelah pembelajaran dirancang berdasarkan *Zone of Proximal Development* ?.

Penelitian ini dilaksanakan pada bulan Oktober – November 2019. Dengan subyek penelitian adalah siswa kelas VIIC di SMPN 2 Depok. Pengumpulan data menggunakan *pretest* dan *posttest* serta wawancara awal dan akhir pembelajaran. Hasil dari *pretest* dan wawancara awal pembelajaran dapat membantu peneliti untuk menentukan profil *Zone of Proximal Development* siswa.

Teori Sosiokultural pada penelitian ini diterapkan sesuai dengan *scaffolding* atau bantuan yang diberikan pada siswa berdasarkan profil *Zone of Proximal Development* siswa. Hasil penelitian menunjukkan bahwa Teori Sosikultural yang diterapkan pada pembelajaran Kalor dan Perpindahannya berdasarkan *scaffolding* yang diberikan memberikan dampak terhadap peningkatan pengetahuan siswa.

Kata Kunci: Penerapan, Teori Sosiokultural, *Zone of Proximal Development*, *Scaffolding*.

ABSTRACT

Mona Maryantina. 2020. The Implementation of Sociocultural Theory in the Learning of Kalor and Its Transfer with the Demonstration Method of 7th Graders of C Class of SMPN 2 Depok. Physics Education Study Program, Department of Mathematics and Natural Sciences, Faculty of Teaching and Education, Sanata Dharma University.

This research aims to know; (1) How is the students' Zone of Proximal Development profil about Kalor and its Transfer? (2) How to apply scaffolding concept in Kalor learning and its Transfer? (3) How is the impact of the implementation of scaffolding concept on Kalor learning and its Transfer after the learning activity is designed based on Zone of Proximal Development?.

The study was conducted in October – November 2019. The subjects of research are 7th Graders of C Class of SMPN 2 Depok. Pretest and posttest were implemented in the beginning and the end of the learning activities to collect the data. The results of pretests and preliminary interview before the learning activity could help the researcher to determine the students' Zone of Proximal Development profil.

The sociocultural theory in this research was applied according to the scaffolding or assistance given to students based on the students' Zone of Proximal Development profil. The results showed that the socializing theory applied to the learning of Kalor and its Transfer based on the scaffolding provided impacted the students' knowledge.

Keywords: Implementation, Sociocultural theory, Zone of Proximal Development, Scaffolding.