

PLAGIAT MERUPAKAN TINDAKAN TIDAK TERPUJI

ABSTRAK

Ambrosius Tri Panglipur Jati. 2010. *Identifikasi Pedagogical Content Knowledge 2 Guru Matematika terkait Bahan Ajar Di 2 SMA Di Yogyakarta. Skripsi. Program Studi Pendidikan Matematika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma, Yogyakarta.*

Tujuan dari penelitian ini adalah mengungkap dan mendeskripsikan *Pedagogical Content Knowledge (PCK)* guru terkait pengetahuan guru akan materi yang diajarkan, termasuk pengetahuan akan kesulitan-kesulitan yang dihadapi siswa lewat analisis video pembelajaran 2 guru matematika di 2 SMA di Yogyakarta.

Penelitian dilakukan di 2 SMA yaitu (1) SMA BOPKRI 1 Yogyakarta pada tanggal 3, 7, 10 Agustus 2009 dengan subjek guru kelas XI IPA₂ (2) SMAN 1 Depok Sleman pada tanggal 25 & 28 Juli 2009, 1 & 4 Agustus 2009 dengan subjek guru kelas XII IPA₁.

Hasil penelitian *PCK* terhadap 2 guru SMA tersebut menunjukkan *PCK* guru terkait (i) pengetahuan guru mengenai akan bahan ajar nampak saat guru menyampaikan materi secara sistematis; guru mengetahui hubungan antar konsep bahan ajar; mengetahui tingkat kesulitan dari materi tertentu; mengetahui bahwa materi mana saja yang tercakup dalam kurikulum; guru menguasai metode-metode penyelesaian tertentu dalam menyelesaikan soal latihan; guru mengetahui tingkat kesulitan suatu materi terkait dengan karakteristik siswa; dan guru memiliki pengetahuan akan pemahaman pokok dalam matematika, (ii) pengetahuan guru mengenai kesulitan-kesulitan yang dihadapi oleh siswa, nampak pada saat guru memberikan pertanyaan pancingan; interaksi tanya-jawab antara guru dan siswa; dan guru mengidentifikasi kesulitan siswa dengan cara melihat hasil jawaban pekerjaan siswa.

ABSTRACT

Ambrosius Tri Panglipur Jati. 2010. *Identify the Pedagogical Content Knowledge 2 related Mathematics Teacher of Materials Teach In 2 SMA In Yogyakarta. A Thesis. Mathematics Education Study Program, Department of Mathematics and Science Education, Faculty of Teacher Training and Education, Sanata Dharma University, Yogyakarta.*

The purpose of this research were to reveal and to describe for teacher's *Pedagogical Content Knowledge (PCK)* related to knowledge of teacher about matter which was taught by teacher including difficulty understanding of the student through the analysis of video 2 mathematics teacher at 2 SMA in Yogyakarta.

The research was done in 2 SMA. They were SMA BOPKRI 1 Yogyakarta on 3rd, 7th, 10th August 2009 with the subject was a mathematic's teacher of grade XI IPA₂ and SMAN 1 Depok Sleman on 25th & 28th July 2009, 1st & 4th August 2009 with the subject was a mathematic's teacher of grade XII IPA₁.

Result of this research of 2 high school teachers showed teachers *PCK* related (i) teacher knowledge of teaching materials will appear when teachers systematically deliver materials; teachers know the relationship between the concept of teaching materials; to know the level of difficulty of a particular material; know that any material which included in the curriculum; teachers master the methods of a particular solution in solving exercises; teachers know the difficulty level of a substance related to the characteristics of students and teachers have a basic understanding of the knowledge in mathematics, (ii) teachers' knowledge of the difficulties faced by students , appears at the time the teacher gives a question inducement; interaction questions and answers between teachers and students and teachers to identify students 'difficulties with how to see the results of students' answers to the job.