

## ABSTRACT

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THE IMPLEMENTATION OF DRILL METHOD TO INCREASE GRADE VI STUDENTS' PROBLEM SOLVING ABILITY AT A CHRISTIAN ELEMENTARY SCHOOL IN MAKASSAR

(vii + 58 pages: 9 figures; 16 tables; 46 appendices)

Problem solving is important in learning mathematics. It is to see students' conceptual understanding. Problem solving ability is usually practiced by the use of word problem. However, in the teaching and learning process, the researcher found that the students find it difficult for them. Thus, this research conducted to know whether the drill method increased Grade VI students' problem solving ability and how the drill method increased Grade VI students' problem solving ability.

The drill method was implemented to increase students' ability in mathematical problem solving. Classroom Action Research (CAR) with Pelton's model was used as the method of this research. The research was done from the September 5 to October 26, 2018. The subjects were 21 students from grade VI students at a Christian Elementary School in Makassar. Researcher used several instruments such as lesson plans, students' outcomes, mentor's teacher feedback sheets, reflective journals, and students' reflections.

Based on the results, it shown that the use of drill method increased the students' ability of solving problems by 11%. It consisted of the improvement of reading indicator as much as 11%, comprehension indicator as much as 12%, transformation indicator as much as 13%, encoding indicator as much as 20%, and carefulness indicator as much as 17%. Nevertheless, there was a decrease in the process skill indicator by 9%. The steps of drill method that could increase students' problem solving ability were before drill phase, during drill phase, and after drill phase.

Keywords : Drill Method, Problem Solving Ability, Mathematical Word Problem

References : 44 (1945-2016).

## ABSTRAK

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PENERAPAN METODE *DRILL* UNTUK MENINGKATKAN KEMAMPUAN PEMECAHAN MASALAH SISWA KELAS VI DI SEKOLAH DASAR KRISTEN DI MAKASSAR

(vii + 58 halaman: 9 gambar; 16 tabel; 46 lampiran)

Pemecahan masalah merupakan hal penting di pembelajaran matematika, khususnya dalam melihat pemahaman konseptual siswa. Kemampuan pemecahan masalah biasanya dipraktikkan dengan menggunakan soal cerita. Namun, dalam proses belajar mengajar peneliti menemukan bahwa siswa kesulitan dalam mengerjakan soal cerita. Karena itu, penelitian ini dilaksanakan untuk mengetahui apakah penerapan metode *drill* dapat meningkatkan kemampuan pemecahan masalah dari siswa kelas 6 dan bagaimana metode *drill* meningkatkan kemampuan pemecahan masalah dari siswa kelas 6.

Oleh karena itu, metode *drill* diimplementasikan untuk meningkatkan kemampuan pemecahan masalah matematis. Penelitian Tindakan Kelas (PTK) model Pelton digunakan sebagai metode penelitian. Penelitian ini dimulai dari 5 September hingga 26 Oktober 2018. Subjek penelitian ini adalah 21 siswa kelas 6 di sebuah SD Kristen di Makassar. Peneliti menggunakan beberapa instrumen seperti rencana pelaksanaan pembelajaran, hasil belajar siswa, lembar umpan balik mentor, jurnal refleksi, dan refleksi siswa.

Berdasarkan hasil penelitian, dapat dilihat bahwa penerapan metode *drill* menolong siswa dalam meningkatkan kemampuan pemecahan masalah. Hasil tes sumatif siswa yang telah dianalisis berdasarkan indikator kemampuan pemecahan masalah meningkat 11% setelah dibandingkan dengan hasil tes awal. Kenaikan 11% terdapat pada indikator membaca, 12% pada indikator pemahaman, 13% pada indikator transformasi, 20% pada indikator pengkodean, 17% pada indikator kehati-hatian. Adapun terjadi penurunan pada indikator keterampilan proses sebesar 9%. Tahapan metode *drill* yang dapat meningkatkan kemampuan pemecahan masalah siswa adalah fase sebelum *drill*, fase saat *drill* berlangsung, dan fase setelah *drill*.

Kata kunci : Metode *Drill*, Kemampuan Pemecahan Masalah, Soal Cerita Matematis

Referensi : 44 (1945-2016).