

## ABSTRACT

**Eka Rahmawati, 2019: Development of LKS and RPP Based on Contextual Teaching And Learning Approach To Improve Students' Problem Solving Ability in Class IV of Primary Schools. Thesis of the Postgraduate Program in Padang State University.**

This study discusses the development of worksheets and worksheets based on a valid, practical and effective CTL approach to the topic of statistics in grade IV of elementary school. The research method used was a type of 4D research design by Thiagarajan, Semmel, Dam Semmel (1974). This research was conducted in four phases, namely defining, designing worksheets and lesson plans, developing, and disseminating in elementary schools. Data was collected using document analysis, observation, interviews, field notes, tests, and questionnaires. The data collected is analyzed qualitatively and quantitatively. Based on the research that has been done, LKS and RPP have met the criteria valid in terms of content, approach, format, and language with a percentage of 86%. The validity level of the LKS and RPP developed is in the valid category with a percentage of 86%. The results of observations, questionnaires, and interviews showed that LKS was practical in terms of ease of use, use of time, and readability by teachers and students. In addition, LKS and RPP developed effectively improve students' problem solving abilities with a percentage of 77, 27%. Students can find statistical concepts with various activities on LKS and RPP, namely finding data, analyzing data, collaborating, trying, and solving problems related to daily life.

**Keywords: LKS, RPP, CTL, Problem solving Skill.**

## ABSTRAK

**Eka Rahmawati, 2019. Pengembangan LKS dan RPP Berbasis Pendekatan *Contextual Teaching And Learning* Untuk Meningkatkan Kemampuan Pemecahan Masalah Siswa di Kelas IV Sekolah Dasar. Tesis Program Pasca Sarjana Universitas Negeri Padang.**

Penelitian ini membahas pengembangan lembar kerja dan lembar kerja berdasarkan pendekatan CTL yang valid, praktis dan efektif untuk topik statistik di kelas IV sekolah dasar. Metode penelitian yang digunakan adalah desain penelitian oleh Thiagarajan, Semmel, dan Semmel (1974). Penelitian ini dilakukan dalam empat fase, yaitu mendefinisikan, merancang rencana, mengembangkan, dan menyebarkan lembar kerja dan pelajaran di sekolah dasar. Data dikumpulkan menggunakan analisis dokumen, observasi, wawancara, catatan lapangan, tes, dan kuesioner. Data yang dikumpulkan dianalisis secara kualitatif dan kuantitatif. Berdasarkan penelitian yang telah dilakukan, LKS dan RPP telah memenuhi kriteria valid dalam hal konten, pendekatan, format, dan bahasa dengan persentase 86%. Tingkat validitas LKS dan RPP dikembangkan valid dengan persentase 86%. Hasil pengamatan, kuesioner, dan wawancara menunjukkan bahwa siswa praktis dalam hal kemudahan penggunaan, penggunaan waktu, dan keterbacaan oleh guru dan siswa. Keterampilan pemecahan masalah siswa yang dikembangkan dan ditingkatkan dengan persentase 77, 27% dikembangkan secara efektif. Siswa dapat menemukan data, menganalisis data, berkolaborasi, mencoba dan menyelesaikan masalah yang berkaitan dengan kehidupan sehari-hari.

**Kata Kunci : LKS, RPP, CTL, Kemampuan Pemecahan Masalah.**