

ABSTRAK
PEMBELAJARAN ONLINE MATA PELAJARAN
MATEMATIKA PADA MATERI KELILING DAN LUAS
BANGUN DATAR KELAS IV SEKOLAH DASAR DALAM
MASA PANDEMI COVID-19

Oleh
Dewi Yuliani
18060585

Penelitian ini dilatar belakangi oleh pelaksanaan pembelajaran matematika di masa pandemi covid 19 dimana matematika dianggap sebagai pelajaran yang sulit terutama materi keliling dan luas bangun datar. Penelitian bertujuan untuk mengetahui skenario pembelajaran online matematika materi keliling dan luas bangun datar , kendala guru dan siswa, respon guru dan siswa, bahan ajar, LKS dan tugas yang diberikan, serta upaya yang harus dilakukan agar pembelajaran online matematika efektif. Penelitian ini merupakan penelitian deskriptif kualitatif dengan subyek penelitian 2 orang guru dan 12 orang siswa kelas IV Sekolah Dasar. Teknik pengumpulan data dalam penelitian menggunakan wawancara semi terstruktur. Wawancara dilakukan secara online dengan Voice Note aplikasi Whatslapp. Hasil penelitian menunjukan bahwa skenario pembelajaran online dipersiapkan terlebih dahulu oleh guru sebagai pedoman pelaksanaan pembelajaran dengan konten menyesuaikan kondisi pandemi covid , karakteristik siswa serta lingkungan siswa. Kendala guru dan siswa dalam pembelajaran online adalah sarana komunikasi berbasis internet yang belum memadai, kemampuan guru dalam pembuatan media berbasis IT, tingkat memahami materi siswa serta peran serta orang tua dalam pendampingan belajar. Bahan ajar, LKS dan tugas yang diberikan dalam pembelajaran online matematika sudah bervariasi yakni menggunakan berbagai sumber, evaluasi dan berbagai media penyampaian materi. Upaya yang harus dilakukan agar pembelajaran online efektif yakni guru meningkatkan pengetahuan tentang berbagai jenis pembelajaran online, pembuatan media pembelajaran berbasis IT dan peningkatan sarana prasarana komunikasi berbasis internet. Dari hasil penelitian dapat disimpulkan bahwa pembelajaran online matematika pada materi keliling dan luas bangun datar kelas IV belum efektif karena terdapat beberapa kendala yang sangat berperan penting dalam terlaksananya pembelajaran online.

Kata Kunci : Pembelajaran *Online*, Matematika, Keliling dan Luas Bangun Datar

Abstract
ONLINE LEARNING MATHEMATICS SUBJECTS ON THE
SURROUNDING MATERIAL AND THE AREA OF A FLAT
CLASS IV ELEMENTARY SCHOOL IN THE PERIOD OF
PANDEMIC COVID-19

By
Dewi Yuliani
18060585

This research was underpinned by the implementation of mathematical learning in the Garry 19 pandemic period where mathematics is considered a difficult lesson specially the surrounding material and the wide flat build. Research aims to figure out the online learning scenarios of mathematical material surrounding and broad-built areas, the constraints of teachers and students, teacher and student responses, teaching materials, LKS and assigned assignments, as well as the effort to be made in order to effective mathematics online learning. This research is a qualitative descriptive study with the research subject of 2 teachers and 12 grade IV students elementary School. Data collection techniques in research using semi-structured interviews. The interview is done online with Whatshapp's Voice Note application. The results showed that the online learning scenario was prepared in advance by the teacher as the guidelines for learning implementation with the content adjusting the condition of pandemic Garry, student characteristics and student environment. The constraints of teachers and students in online learning are an insufficient means of Internet-based communication, the ability of teachers in the making of IT-based media, the level of understanding students ' materials and parents ' participation in learning mentoring. Teaching materials, LKS and tasks given in mathematics online learning have varied, namely using various sources, evaluation and various media delivery materials. The effort to be done for effective online learning that teachers improve knowledge of various types of online learning, making of IT-based learning media and improving the facility of Internet-based communication infrastructure. From the results of the research can be concluded that the mathematics online learning on the surrounding and broad materials of the class IV flat build is not yet effective because there are several obstacles that are very important role in the implementation of online learning.

Keywords: Online learning, mathematics, circumference and area build flat