

Moh. Hadirih. 2022. *Pengembangan E-Modul Berbasis Higher Order Thinking Skills Materi Bangun Ruang Kelas V Sekolah Dasar*. Skripsi, Program Studi Pendidikan Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Rika Wulandari, S.Pd., M.Pd.

ABSTRAK

Penelitian pengembangan ini dilatarbelakangi oleh keterbatasan sumber belajar seperti bahan ajar dalam proses pembelajaran dan kurangnya interaksi siswa dalam kegiatan pembelajaran, sehingga perlu diberikan pembelajaran yang berorientasi dalam kemampuan berpikir tingkat tinggi. Tujuan penelitian untuk mengetahui kevalidan, keefektifan, dan kepraktisan E-Modul berbasis *Higher Order Thinking Skills* materi bangun ruang kelas V Sekolah Dasar. Penelitian pengembangan ini menggunakan model 4D. Model ini memiliki 4 tahapan yakni: tahapan *define* (pendefinisian), *design* (perancangan), *develop* (pengembangan), dan *dissiminate* (penyebarluasan). Subjek penelitian adalah siswa kelas V SDN Jaddih 4. Kevalidan E-Modul diperoleh dari validator 86,25% (sangat valid), keefektifan E-Modul diperoleh dari tes hasil belajar pada kriteria ketuntasan belajar klasikal 100% (efektif) dan kepraktisan diperoleh dari hasil observasi keterlaksanaan pembelajar 91,6% (baik), angket respon guru 92,5%, dan angket respon siswa 92,5% (sangat baik). Berdasarkan hasil penelitian maka E-Modul berbasis *Higher Order Thinking Skills* valid, efektif dan praktis sehingga dapat digunakan pada senang belajar matematika bangun ruang kelas V Sekolah Dasar.

Kata Kunci: bahan ajar E-Modul, berbasis *Higher Order Thinking Skills*, matematika bangun ruang kelas V.

ABSTRACT

This development research is motivated by the limitations of learning resources such as teaching materials in the learning process and the lack of student interaction in learning activities, so it is necessary to provide learning that is oriented towards higher-order thinking skills. The purpose of the study was to determine the validity, effectiveness, and practicality of the E-Module based on *Higher Order Thinking Skills* material for the *fifth* grade elementary school classroom construction. This development research uses a 4D model. This model has 4 stages, namely: *define*, *design*, *develop*, and *disseminate*. (dissemination). The research subjects were fifth grade students at SDN Jaddih 4. The validity of the E-Module was obtained from the validator 86.25% (very valid), the effectiveness of the E-Module was obtained from the learning outcomes test on the criteria of 100% classical learning completeness (effective) and practicality was obtained from the results. Observation of student implementation was 91.6% (good), teacher response questionnaire was 92.5%, and student response questionnaire was 92.5% (very good). Based on the results of the research, the E-Module based on *Higher Order Thinking Skills* is valid, effective and practical so that it can be used to enjoy learning mathematics in the fifth grade elementary school.

Keywords: E-Modul teaching materials, based on *Higher Order Thinking Skills*, mathematics in class V.