

ABSTRAK

Lamhatin, 2020. Pengembangan Instrumen Penilaian HOTS Kurikulum 2013 Terhadap Keterampilan 4C Menuju Pembelajaran Abad 21. Skripsi, Program Studi Pendidikan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Wiraraja. Pembimbing: (1) Dyah Ayu Fajariningtyas, S.Si, M.Pd. (2) Anik Anekawati, S.Si, M.Pd.

Berpikir tingkat tinggi dapat meningkatkan hasil belajar siswa dan keterampilan *Communication, Collaboration, Critical Thinking and Problem Solving, Creativity and Innovation* (4C). Keterampilan 4C dirancang untuk mengikuti perkembangan zaman di abad 21 menyesuaikan dengan revisi kurikulum. Revisi dalam kurikulum 2013 difokuskan untuk standar isi dan standar penilaian. Tujuan dari penelitian ini yaitu mengetahui tingkat validitas instrumen, peningkatan 4C dan respon siswa dan guru di MTs Nurul Huda Kecamatan Rubaru. Penelitian ini menggunakan jenis penelitian *Research and Development* model pengembangan Dick And Carry.

Berdasarkan hasil penelitian yang diperoleh dapat disimpulkan sebagai berikut: Hasil uji coba yang diperoleh untuk mengetahui tingkat validitas instrumen HOTS dalam pembelajaran IPA menunjukkan rata-rata skor total CVR dan CVI ≥ 1 (layak), peningkatan keterampilan 4C a) keterampilan komunikasi mengalami peningkatan mencapai 51,79% b) keterampilan kolaborasi 51,79% c) keterampilan berpikir kritis 67,86%. d) keterampilan berpikir kreatif 54,46% dengan kriteria terdapat peningkatan yang cukup signifikan, respon positif siswa adalah 67,5% respon guru dengan rata-rata 87,5% dengan kategori sangat tercapai.

Kata kunci: Penilaian HOTS, Keterampilan 4C, Abad 21

ABSTRACT

Lamhatin, 2020. Development of the 2013 Curriculum HOTS Assessment Instrument Against 4C Skills Towards 21st Century Learning. Thesis. Science and Education Study Program, Teacher Training and Education Faculty, Wiraraja University. Advisors: (1) Dyah Ayu Fajariningtyas, S.Si, M.Pd. (2) Anik Anekawati, S.Si, M.Pd.

Higher order thinking can improve student learning outcomes *Communication, Collaboration, Critical Thinking and Problem Solving, Creativity and Innovation* (4C). 4C skills are design to keep up with the times in the 21st century according to curriculum revision. Revision in the 2013 curriculum focused on content standarts and assessment satndarts. The purpose of this study is to determine the level of instrument validity, 4C improvement and student and teacher responses at MTs Nurul Huda, Rubaru District. This study uses a type of research and development, the Dick And Carry development model.

The results showed that the results of the trials obtained to determine the validity level of HOTS instruments in science learning showed that the average total score of CVR and CVI was ≥ 1 (Valid), improvement in 4C skills a) communication skills increased to 51.79% b) skills collaboration 51.79% c) critical thinking skills 67.86%. d) creative thinking skills 54.46% with the criteria there is a significant increase, the positive response of students is 67.5% teacher response with an average of 87.5% with the category very achieved.

Keywords: HOTS Assessment, 4C Skills, 21st Century