

PENGEMBANGAN INSTRUMEN PENILIAN KINERJA BERBASIS STEM  
PADA MEDIA PROYEKTOR MINI DI KELAS V SEKOLAH DASAR

SKRIPSI

diajukan untuk memenuhi sebagian syarat memperoleh gelar  
Sarjana Pendidikan Program Studi Pendidikan Guru Sekolah Dasar



oleh

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Sebuah skripsi yang diajukan untuk memenuhi salah satu syarat memperoleh  
gelar Sarjana Pendidikan guru Sekolah Dasar

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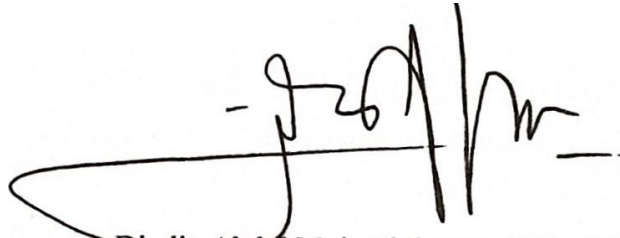
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## ABSTRAK

Penelitian ini bertujuan untuk mengembangkan Instrumen Penilaian pada Pembelajaran Berbasis STEM dengan menerapkan Kurikulum Merdeka, Penilaian pada Kurikulum Merdeka memiliki 3 jenis macam di dalam pembelajaran yang dilakukan; (1) penilaian diagnosik, (2) penilaian formatif, dan (3) penilaian sumatif. Penilaian formatif di sekolah dasar dikembangkan pada jenis penilaian kinerja memiliki aspek yang dapat dicapai pada keterampilan pada Abad – 21 yakni; (1) keterampilan berpikir kritis, (2) keterampilan kreativitas, (3) keterampilan kolaborasi, dan (4) keterampilan komunikasi. Pengembangan instrumen penilaian kinerja mempunyai efektifitas dalam penggunaannya sebagai ialah sebagai validitas, reabilitas, dan objektivitas dalam menilai pembelajaran yang dilakukan di dalam pembelajaran. Tujuan dilakukan penelitian ini sebagai kebutuhan instrumen penilaian kinerja di sekolah dasar dan merancang instrumen penilaian kinerja layak digunakan, dengan tahapan *Educational Design Reseach* (EDR) memiliki tiga tahapan yaitu; (1) analisis dan eksplorasi, (2) desain dan konstruksi, dan (3) evaluasi dan refleksi. Teknik Pengumpulan Data yang digunakan wawancara, studi dokumentasi, dan validasi ahli. Pengolahan data pada penelitian ini dilakukan dengan menggunakan uji keselarasan (konkordansi) dengan melakukan perhitungan mengenai dua himpunan untuk mengukur keselarasan pada instrumen, dengan menggunakan IBM SPSS (*Statistical Package for Social Sciences*) versi 23, dimana hipotesis  $H_0$  berarti tidak ada kesepakatan atau keselarasan diantara para observer dalam menilai atribut, dan  $H_1$  berarti ada kesepakatan atau keselarasan diantara para observer dalam menilai aspek kinerja. pada hasil uji keselarasan pada nilai Asymp. Sig <0,05 dengan populasi 10 orang pada uji keselarasan mendapatkan hasil keselarasan di atas rata – rata dimana hasil tersebut dikatakan diterima atau dapat digunakan produk instrumen penilaian. Sebagai produk akhir penilaian kinerja dengan keterampilan abad – 21 meliputi keterampilan; berpikir kritis, kreativitas, kolaborasi, dan komunikatif dapat digunakan dalam pembelajaran berbasis STEM.

Kata Kunci: Efektifitas, Kurikulum Merdeka, Penilaian Kinerja

## **ABSTRACT**

*This study aims to develop an Evaluation Instrument for STEM-based Learning by applying a free curriculum, Evaluations on Free Curriculum have three types in the learning that is done; (1) diagnostic assessment, (2) formative selection, and (3) summary assessment. Formative assessment in primary school developed on the type of performance assessment has aspects that can be achieved on skills in the 21st century namely; (1) critical thinking skills, (2) creativity skills, (3) collaborative skills, and (4) communication skills. The development of performance evaluation tools has effectiveness in its use as being validity, rehabilitation, and objectivity in evaluating learning done in learning. The objective of this research is to develop a performance assessment instrument in elementary schools and design a performance evaluation instrument worthy of use, with the Educational Design Research (EDR) phase having three stages namely; (1) analysis and exploration, (2) design and construction, and (3) evaluation and reflection. Data collection techniques that use interviews, documentation studies, and expert validation. The data processing in this study was performed using a correlation test by performing calculations on two sets to measure the conformity on the instrument, using IBM SPSS (Statistical Package for Social Sciences) version 23, where the hypothesis  $H_0$  means there is no agreement or conformity between the observers in evaluating the attribute, and  $H_1$  means there has been agreement between the observer in assessing the performance aspect. As the end product of performance assessment with 21st-century skills include skills; critical thinking, creativity, collaboration, and communicative can be used in STEM-based learning.*

**Keywords:** *Effectiveness, Kurikulum Merdeka, Performance Assessment.*

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