

**ABSTRAK****PENGEMBANGAN BUKU PEDOMAN PENDESAINAN  
PERTANYAAN ESENSIAL DALAM PROSES PEMBELAJARAN UNTUK  
MEMPERDALAM PEMAHAMAN DAN MEMBANGUN KEPEDULIAN  
SISWA KELAS V SD TERHADAP LINGKUNGAN**

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Penelitian ini diawali dengan temuan bahwa guru mengalami kesulitan dalam menyusun pertanyaan esensial dan belum adanya buku pedoman untuk menyusun pertanyaan esensial. Pertanyaan esensial diperlukan untuk memperdalam pemahaman siswa selain itu, dapat digunakan untuk membuat siswa melakukan aksi. Oleh karena itu, tujuan penelitian ini adalah menyusun buku pedoman pendesainan pertanyaan esensial khususnya tema tentang lingkungan yang sekarang menjadi keprihatinan dunia.

Jenis penelitian ini adalah penelitian dan pengembangan (*Research and Development* atau R&D). Produk yang dihasilkan berupa buku pedoman pendesainan pertanyaan esensial. Proses pengembangan buku pedoman pendesainan pertanyaan esensial tersebut, mengikuti dua tahap dari modifikasi Tessmer (1993) yaitu (1) Evaluasi diri, dan (2) Pendesainan Prototipe. Langkah-langkah dalam tahap evaluasi diri terdiri dari wawancara, observasi, dan proses desain sedangkan dalam tahap pendesainan prototipe terdiri dari expert review, one-to-one, dan *small group*. Prototipe yang didesain kemudian divalidasi oleh tiga orang validator dan diuji cobakan kepada *small group* yang terdiri dari dua guru kelas.

Hasil *expert judgement* menunjukkan bahwa pertanyaan yang disusun memiliki kualitas 50 % sangat baik, 18,18 % baik, 13,63 % cukup, 13,63 % kurang, dan 4,54 % sangat kurang. Hasil uji coba *small group* menunjukkan bahwa produk memiliki kualitas yang baik dari segi inspirasi penggunaan pertanyaan esensial, dan kemudahan penggunaan buku pedoman. Dapat disimpulkan bahwa produk buku ini telah sesuai dengan spesifikasi yang diharapkan meskipun perlu beberapa perbaikan.

Kata Kunci: kegiatan menanya, pertanyaan esensial, peduli lingkungan.

## ABSTRACT

### **THE DEVELOPMENT OF MANUAL FOR DESIGNING ESSENTIAL QUESTIONS IN THE LEARNING PROCESS IN ORDER TO DEEPEN THE UNDERSTANDING AND BUILD ENVIRONMENTAL AWARENESS OF 5<sup>th</sup> ELEMENTARY GRADES STUDENTS**

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This study was initiated with the findings that teachers have a difficulty in constructing Essential Questions and there were not any guidebooks to design essential questions. Essential question was necessary to deepen the understanding of students. It also could be used to make students perform an action. Therefore, the goal of this research was to compile a manual for designing essential questions, specifically about environmental theme that nowadays becomes world concerns.

The type of this study was a Research and Development (Research and Development or R&D). The result product of this study was a manual for designing essential questions. The process of developing the manual for designing essential questions was based from Tessmer modification (1993), which are (1) Self-evaluation, and (2) Designing the prototype. The process of Self-Evaluation consists of interviews, observations, and design processes, while the process of designing the prototype consists of expert review, one-to-one, and small groups. The prototype which had been designed was validated by three validators and tested on a small group consisted of two teachers.

The results of expert judgment showed that the designed questions have quality ratings of 50% excellent, 18.18% good, 13.63% fair, 13.63% poor, and 4.54% very poor. The results of the test on a small group showed that the product has a good quality both from the inspiration of essential questions usage, and the easiness in using the manual. It can be concluded that this product is corresponding with the expected specifications although it still needs some improvements.

Keywords: asking activities, the essential question, environmental awareness.