

## **ABSTRACT**

### **Development Integrated Thematic Teaching Material Based on Discovery Learning Model at Third Grade of Elementary School**

**Yosy Sufrida**

Teaching materials is one determinant of success or failure of the learning process in elementary school. Therefore, teachers should be able to develop teaching materials as a means to help the learning process that can train and develop students' ability in exploring and discovering concepts of material and problem-solving that studied by involved directly. Activities that occur in learning process is not only from teachers, but rather sourced from students in building and constructing their own knowledge by working together, encouraging thinking on their own initiative, training critical thinking, and directing the mindset of the students to focus on the problems to be solved, meanwhile teaching materials are still less able to engage students actively in the learning process. To overcome this problem, it needs a solution like the development of teaching materials that can make students active in learning process. The purpose of this study was to develop and produce integrated thematic teaching materials based Discovery Learning model at third class of elementary school that was valid, practical, and effective.

Type of the research was Research and development. The development model used was the model 4-D, consist of define, design, development, and disseminate. At define stage, the researcher did the curriculum analysis, requirements analysis, and analysis of the students. At design stage, the researcher did design the thematic teaching materials based unified model of Discovery Learning. Furthermore, at development stage, researcher did test of validity, practicalities, effectiveness test. Research data from test of validity obtained through the validation sheet of teaching materials. Practicality obtained through the results of analysis of the learning implementation, students' responses questioners, and teacher. The effectiveness obtained through the result of analysis of observation activity and student learning outcomes.

The results of the research at define stage obtained curriculum analysis, students analysis, and material analysis. The result of the research at design stage obtained lesson plan and teaching material. Development stage from test of validity obtained the average about 3,76 with very valid category. Practicalities stage of learning implementation result obtained 97 % with very practical category, teachers' responses questioners obtained 86,11 % with very practical category, and students' responses questioners obtained 89,70% with very practical category. At stage of effectiveness test obtained the percentage of students' activity 96 % with very effective category. The completeness of students' learning outcomes reached 77.78%. The result showed that the integrated thematic teaching materials based Discovery Learning models that has been developed are valid, practical, and effective used as one of integrated thematic teaching materials in third class of elementary school.

## ABSTRAK

### Pengembangan Bahan Ajar Tematik Terpadu Berbasis Model *Discovery Learning* di Kelas III Sekolah Dasar

Yosy Sufrida

Bahan ajar merupakan salah satu penentu berhasil atau tidaknya proses pembelajaran di Sekolah Dasar (SD). Oleh karena itu, guru harus mampu mengembangkan bahan ajar sebagai sarana dalam membantu proses pembelajaran yang dapat melatih dan mengembangkan kemampuan siswa dalam menggali dan menemukan sendiri konsep materi dan pemecahan masalah yang dipelajari dengan cara terlibat langsung. Kegiatan yang terjadi dalam proses pembelajaran bukan hanya bersumber dari guru, akan tetapi lebih bersumber kepada siswa dalam membangun dan mengkonstruksi sendiri pengetahuannya dengan cara bekerjasama, mendorong berfikir dengan inisiatif sendiri, melatih berfikir secara kritis, dan mengarahkan pola pikir siswa kepada fokus permasalahan yang akan dipecahkan. Sementara itu bahan ajar yang ada masih kurang mampu melibatkan siswa secara aktif dalam proses pembelajaran. Untuk mengatasi hal ini, perlu solusi berupa pengembangan bahan ajar yang dapat mengaktifkan siswa dalam proses pembelajaran. Tujuan dari penelitian ini adalah untuk mengembangkan dan menghasilkan bahan ajar tematik terpadu berbasis model *Discovery Learning* di kelas III SD yang valid, praktis, dan efektif.

Jenis penelitian yang digunakan adalah penelitian pengembangan (*Research and development*). Model pengembangan yang digunakan adalah model 4-D yang terdiri dari tahap pendefinisian (*define*), perancangan (*design*), pengembangan (*development*), dan penyebaran (*disseminate*). Pada tahap pendefinisian dilakukan analisis kurikulum, analisis kebutuhan, dan analisis siswa. Tahap perancangan dilakukan perancangan terhadap bahan ajar tematik terpadu berbasis model *Discovery Learning*. Selanjutnya pada tahap pengembangan dilakukan uji validitas, praktikalitas, dan uji efektivitas. Data penelitian dari uji validitas diperoleh melalui lembar validasi bahan ajar. Kepraktisan diperoleh melalui hasil analisis keterlaksanaan pembelajaran, angket respon siswa, dan guru. Keefektifan diperoleh melalui hasil analisis observasi aktivitas dan hasil belajar siswa.

Hasil penelitian pada tahap *define* diperoleh analisis kurikulum, analisis siswa, dan analisis materi. Hasil penelitian pada tahap *design* diperoleh RPP dan bahan ajar. Tahap *development* dari uji validitas diperoleh nilai rata-rata sebesar 3,76 dengan kategori sangat valid. Tahap praktikalitas hasil keterlaksanaan proses pembelajaran diperoleh nilai 97% dengan kategori sangat praktis, angket respon guru diperoleh nilai 86,11 % dengan kategori sangat praktis, dan angket respon siswa diperoleh nilai 89,70 % dengan kategori sangat praktis. Tahap uji efektivitas, didapatkan hasil persentase aktivitas siswa 96 % dengan kategori sangat efektif. Ketuntasan hasil belajar siswa mencapai 77,78%. Dari hasil penelitian diperoleh bahwa bahan ajar tematik terpadu berbasis model *Discovery Learning* yang dikembangkan telah valid, praktis, dan efektif digunakan sebagai salah satu bahan ajar tematik terpadu di kelas III SD.