

ABSTRACT

Developing Discovery Model Based Learning Materials for Teaching Integrated Thematic Learning to the Students in Grade V of Elementary School

Doni Putra

Effective learning materials are very important to create a required learning atmosphere. The availability of the materials could help the teachers to raise the students' motivation and creativity, and to construct the students' skill to learn independently. To deal with these demands, discovery model based-learning materials were developed to teach integrated thematic to the students in grade V of Elementary School. This research was designed for producing discovery learning model-based materials on integrated thematic learning which was valid, practical and effective.

This was a developmental research which applied plomp model and consisted of three phases covering preliminary research phase, prototyping phase and assessment phase. The data of the validity were gotten through validation sheet. The data of the practicality were obtained from questionnaire distributed to the teachers and the students and also from interview. The data of the effectiveness were seen from the students learning activities and their learning achievement as well that covers attitude, knowledge and skill aspects. The data gathered then were analyzed descriptively.

The result of validity test indicated that the learning materials developed were very valid in which their average score was 86,6%. The result of the practicality test revealed that the materials were very practical in which the average score gotten form the questionnaire given to the teacher waas 95% and those given to the students was 91,1%. The result of the effectiveness test showed that the average score of the students learning activities was 81%. In addition the student learning achievement on attitude aspect was 80,7%, on skill aspect was 80,3% and on knowledge aspect was 84%. Based on these results, it was conclude that discovery learning model based-learning materials developed for teaching integrated thematic to the students in grade V of Elementary School were valid, practical and effective.

ABSTRAK

Pengembangan Bahan Ajar Berbasis Model *Discovery Learning* pada Pembelajaran Tematik Terpadu di Kelas V Sekolah Dasar

Doni Putra

Bahan ajar yang efektif memiliki peran penting dalam membantu mewujudkan suasana belajar dan pembelajaran yang sesuai dengan tuntutan kurikulum. Ketersediaan bahan ajar yang efektif, dapat menjadi salah satu pedoman bagi guru dalam membelajarkan siswa dalam proses pembelajaran. Paradigma proses pembelajaran yang selama ini hanya berpusat kepada guru, mulai berubah berpusat kepada siswa. Bahan ajar yang efektif hendaknya dapat membangkitkan motivasi, kreatifitas, dan melatih keterampilan siswa untuk belajar secara mandiri. Berdasarkan hal tersebut, dikembangkanlah bahan ajar berbasis model *discovery learning* pada pembelajaran tematik terpadu di kelas V sekolah dasar. Tujuan yang hendak dicapai dalam upaya pengembangan bahan ajar ini adalah untuk menghasilkan bahan ajar pembelajaran tematik terpadu berbasis model *discovery learning* yang valid, praktis, dan efektif.

Jenis penelitian yang digunakan adalah penelitian pengembangan dengan menggunakan model Plomp yang terdiri dari tiga tahapan yaitu: *preliminary research*, *prototyping phase*, dan *assesment phase*. Data penelitian uji validitas diperoleh melalui lembar validasi bahan ajar. Data kepraktisan didapatkan melalui lembar angket respons guru, angket respons siswa, serta wawancara yang dilakukan terhadap guru dan siswa setelah mengikuti pembelajaran menggunakan bahan ajar yang dikembangkan. Keefektifan dilihat dari aktivitas belajar siswa dan hasil belajar siswa yang meliputi aspek sikap, pengetahuan, dan keterampilan. Data yang telah dikumpulkan selanjutnya dianalisis secara deskriptif.

Hasil penelitian uji validitas menunjukkan bahwa bahan ajar yang dikembangkan berada pada kategori sangat valid dengan nilai rata-rata 86,6%. Hasil uji praktikalitas bahan ajar dari angket guru dan siswa menunjukkan kategori sangat praktis dengan rata-rata nilai 95% dan 91,1%. Hasil uji efektivitas menunjukkan bahan ajar yang dikembangkan, efektif meningkatkan aktivitas dan hasil belajar siswa dengan nilai rata-rata aktivitas siswa 81%, hasil belajar aspek sikap dengan rata-rata 80,7%, hasil belajar aspek keterampilan dengan rata-rata nilai 80,3%, dan hasil belajar aspek pengetahuan dengan rata-rata ketuntasan siswa mencapai 84%. Dengan demikian dapat disimpulkan bahwa bahan ajar berbasis model *discovery learning* yang dikembangkan pada pembelajaran tematik terpadu di kelas V sekolah dasar dapat dikatakan valid, praktis, dan efektif.