

ABSTRAK

Penelitian dan pengembangan ini bertujuan untuk menghasilkan bahan ajar berbasis *open-ended* disertai *ICT* dan Nilai-nilai islam pada materi sistem persamaan linear yang memenuhi kriteria valid dan praktis. Pengembangan ini menggunakan model pengembangan 4-D (*Define, Design, Develop, dan Disseminate*). *Define* ialah tahapan melakukan pendefinisian syarat-syarat pembelajaran, *Design* ialah tahapan perancangan, *Develop* ialah tahapan yang bertujuan untuk menghasilkan perangkat pembelajaran yang sudah direvisi para ahli. *Disseminate* ialah tahapan penyebaran bahan ajar. Hasil analisis pada tahap uji validasi oleh validator menghasilkan presentase berdasarkan 4 aspek, yaitu aspek materi 80% masuk ke dalam kriteria valid, aspek desain 82% masuk dalam kriteria sangat valid, aspek media *ICT* 87% masuk kedalam kriteria sangat valid, aspek nilai-nilai islam 79% masuk kedalam kriteria valid, dan rata-rata presentase kevalidan bahan ajar ialah 81% sehingga bahan ajar masuk pada kriteria sangat valid, selanjutnya hasil analisis dari tahap uji kepraktisan oleh peserta didik X IPS 1 MAN 1 Metro, menghasilkan rata rata presentase 84% dan masuk pada kriteria sangat praktis. Berdasarkan uji kevalidan dan uji kepraktisan yang dilakukan, maka dapat disimpulkan bahan ajar berbasis *open-ended* disertai *ICT (Information and Communication of Technology)* dan nilai-nilai islam pada materi sistem persamaan linear dinyatakan Valid dan Praktis untuk digunakan.

Kata Kunci: Bahan Ajar, *Open Ended*, *ICT* (Information and Communication of Technology)

ABSTRACT

This research and development aims to produce teaching materials based on open ended accompanied by *ICT* and Islamic values in the material system of linear equations that meet valid and practical criteria. This development uses a 4-D development model (*Define, Design, Develop, and Disseminate*). *Define* is the stage of defining the learning requirements, *Design* is the design stage, *Develop* is the stage that aims to produce learning tools that have been revised by experts. *Disseminate* is the stage of the distribution of teaching materials. The results of the analysis at the validation test stage by the validator produced a percentage based on 4 aspects, namely the material aspect 80% included in the valid criteria, the design aspect 82% included in the very valid criterion, the *ICT* media aspect 87% entered into the very valid criterion, the aspects of values Islam 79% is included in the valid criteria, and the average percentage of validity of teaching materials is 81% so that the teaching materials are included in the criteria is very valid, then the results of the analysis of the practicality phase by students of X IPS 1 MAN 1 Metro, resulting in an average percentage of 84 % and into very practical criteria. Based on the validity test and practicality test conducted, it can be concluded that teaching materials based on open-ended accompanied by *ICT (Information and Communication of Technology)* and Islamic values on the material system of linear equations are declared Valid and Practical to use.

Keywords: Teaching Materials, Open Ended, *ICT* (Information and Communication of Technology)