

**PENGEMBANGANE-MODUL  
BERBASIS PENDEKATAN SAINTIFIK  
PADA TEMA 6 KELAS VI DI SD NEGERI 18 SESETAN  
TAHUN PELAJARAN 2021/2022**

**Oleh**

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**ABSTRAK**

Penelitian ini bertujuan untuk (1) mengetahui proses rancang bangun E-Modul Tema 6 berbasis pendekatan saintifik dan (2) mengetahui hasil validitas E-Modul Tema 6 berbasis pendekatan saintifik menurut para ahli dan uji coba produk. Penelitian ini merupakan penelitian pengembangan. Subjek penelitiannya yaitu 1 ahli isi mata pelajaran, 1 ahli desain pembelajaran, 1 ahli media pembelajaran, 3 siswa untuk uji perorangan, dan 9 siswa untuk uji kelompok kecil. Adapun metode pengumpulan data yang digunakan adalah metode pencatatan dokumen dan metode kuesioner/angket. Analisis data menggunakan analisis deskriptif kualitatif dan kuantitatif. Model pengembangan yang digunakan yaitu model Hannafin and Peck. Hasil penelitian (1) Rancang bangun E-Modul Tema 6 berbasis pendekatan saintifik dengan model Hannafin and Peck melibatkan tiga fase utama: (a) menilai kebutuhan (*needs assessment*), (b) mendesain/merancang (*design*), (c) mengembangkan dan mengimplementasikan (*development/implementation*), di masing-masing fase melibatkan kegiatan evaluasi dan revisi. (2) E-Modul Tema 6 berbasis pendekatan saintifik valid dengan: (a) hasil review ahli isi mata pelajaran menunjukkan E-Modul Tema 6 berbasis pendekatan saintifik berpredikat sangat baik (93%), (b) hasil review ahli media menunjukkan E-Modul Tema 6 berbasis pendekatan saintifik berpredikat sangat baik (90%), (c) hasil review ahli desain pembelajaran menunjukkan E-Modul Tema 6 berbasis pendekatan saintifik berpredikat baik (77%), (d) hasil uji perorangan menunjukkan E-Modul berpredikat sangat baik (91%), hasil uji kelompok kecil menunjukkan E-Modul berpredikat sangat baik (92,6%).

Kata-kata kunci : E-Modul, Pendekatan Saintifik dan Hannafin and Peck.

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**ABSTRACT**

This study aims to (1) determine the design process of E-Module Theme 6 based on a scientific approach and (2) determine the results of the validity of E-Module Theme 6 based on a scientific approach according to experts and product trials. This research is a development research. The research subjects were 1 subject matter expert, 1 instructional design expert, 1 instructional media expert, 3 students for individual tests, and 9 students for small group tests. The data collection methods used were the document recording method and the questionnaire method. Data analysis used qualitative and quantitative descriptive analysis. The development model used is the Hannafin and Peck model. The results of the study (1) The design of the Theme 6 E-Module is based on a scientific approach using the Hannafin and Peck model involving three main phases: (a) assessing needs (needs assessment), (b) designing/designing, (c) developing and implementing ( development/implementation), in each phase involving evaluation and revision activities. (2) The E-Module Theme 6 based on a scientific approach is valid with: (a) the results of the review by subject matter experts indicate that the E-Module Theme 6 based on the scientific approach has a very good rating (93%), (b) the results of the review by media experts show that E- Module Theme 6 based on a scientific approach has a very good predicate (90%), (c) the results of the expert review of learning design show that E-Module Theme 6 based on a scientific approach has a very good rating (77%), (d) individual test results show the E-Module has a very good rating. good (91%), the results of the small group test showed that the E-Module had a very good rating (92.6%).

**Key words : E-Module, Scientific Approach and Hannafin and Peck.**