

## ABSTRAK

**JOHN SIMON SINULINGGA.** 8216182039. Pengembangan E-Modul Berbasis Inquiry Training Pada Mata Pelajaran IPA Untuk Meningkatkan Kemampuan Literasi HOTS Siswa Kelas IV Sekolah Dasar. Tesis. Pendidikan Dasar Program Pascasarjana Universitas Negeri Medan.

Penelitian ini bertujuan untuk mendeskripsikan: 1) Kevalidan, Kepraktisan dan Keefektifan -Modul Berbasis Inquiry Training Pada Mata Pelajaran IPA yang dikembangkan. 2) Terdapat peningkatan kemampuan Literasi HOTS Siswa Kelas IV Sekolah Dasar khususnya pada mata pelajaran IPA materi Gaya. Penelitian ini merupakan penelitian pengembangan dengan menggunakan model ADDIE yang dilaksanakan di kelas IV Sekolah Dasar. Adapun hasil penelitian yang diperoleh yakni: 1) Modul yang dikembangkan telah dikategorikan Valid, Praktis dan Efektif. 2) Berdasarkan indeks gain ternormalisasi, diperoleh bahwa pada uji kelompok kecil terjadi peningkatan kemampuan Literasi HOTS dengan skor N-Gain 0,6 dikategorikan sedang, dan pada uji kelompok besar terjadi peningkatan kemampuan Literasi HOTS dengan skor N-Gain 0,7 dikategorikan sedang. Sehingga disimpulkan bahwa E-Modul berbasis inquiry training yang dikembangkan dapat meningkatkan kemampuan Literasi HOTS siswa. Dengan demikian, pengembangan e-modul berbasis inquiry training pada mata pelajaran IPA khususnya materi gaya yang telah dikembangkan dapat meningkatkan kemampuan literasi HOTS siswa kelas IV Sekolah Dasar.

**Kata kunci :** Pengembangan E-Modul, Literasi HOTS, Inquiry Training, Model ADDIE.

## ABSTRACT

**JOHN SIMON SINULINGGA.** 8216182039. Development of Inquiry Training-Based E-Module in Science Subjects to Improve HOTS Literacy Skills for Class IV Elementary School Students. Thesis. Basic Education Postgraduate Program, State University of Medan.

This study aims to describe: 1) Validity, Practicality and Effectiveness of the developed Inquiry Training-Based Module in Science Subjects. 2) There is an increase in the HOTS Literacy ability of Grade IV Elementary School Students, especially in the Natural Sciences subject matter of Style. This research is a development research using the ADDIE model which is carried out in class IV of elementary school. The research results obtained are: 1) The modules developed have been categorized as Valid, Practical and Effective. 2) Based on the normalized gain index, it was found that in the small group test there was an increase in HOTS Literacy ability with an N-Gain score of 0.6 which was categorized as moderate, and in the large group test there was an increase in HOTS Literacy ability with an N-Gain score of 0.7 which was categorized as medium. So it was concluded that the developed inquiry training-based E-Module could improve students' HOTS Literacy abilities.

Thus, the development of e-modules based on inquiry training in science subjects, especially the style material that has been developed, can improve the HOTS literacy skills of fourth grade elementary school students.

**Keywords: E-Module Development, HOTS Literacy, Inquiry Training, ADDIE Model.**