

## ABSTRAK

Skripsi dengan judul “**Pengembangan Modul Ajar IPA Berbasis *Contextual Teaching And Learning* kelas IV MI Al-Hidayah 01 Betak Kalidawir Tulungagung**” ini ditulis oleh Nurul Kuzaimah, NIM 126205202126, Program Studi Pendidikan Guru Madrasah Ibtidaiyah, Fakultas Tarbiyah dan Ilmu Keguruan, UIN Sayyid Ali Rahmatullah Tulungagung yang dibimbing oleh Bapak Hafidz Rosyidiana, M.Pd., NIP 198904292020121008.

**Kata Kunci:** Pengembangan, modul, IPA, *Contextual teaching and learning*

Modul ajar merupakan bagian penting dalam proses pembelajaran, tetapi masih banyak ditemui bahwasannya dalam pembelajaran pendidik masih berfokus dengan buku paket dan LKS. Berkaitan dengan hal tersebut, maka diperlukan adanya pengembangan bahan ajar berupa modul yang menarik, variatif, mudah dipahami untuk peserta didik kelas IV MI/SD.

Rumusan masalah pada penelitian ini adalah: (1) bagaimana pengembangan modul ajar IPA berbasis *Contextual Teaching And Learning* kelas IV di MI/SD, (2) bagaimana respon siswa terhadap pengembangan modul ajar IPA berbasis *Contextual Teaching And Learning* kelas IV di MI/SD, (3) bagaimana keefektifan penggunaan pengembangan modul ajar IPA berbasis *Contextual Teaching And Learning* kelas IV di MI/SD. Adapun tujuannya untuk mengetahui respon siswa dan keefektifan modul ajar IPA berbasis *Contextual Teaching And Learning* kelas IV di MI/SD. Sasaran dari penelitian dan pengembangan ini adalah peserta didik kelas IV MI Al-Hidayah 01 Betak Kalidawir Tulungagung.

Penelitian ini menggunakan jenis penelitian *Research and Development (R&D)* dengan model pengembangan 4-D (*Four D*). Subjek penelitian ini adalah 20 peserta didik kelas IV di MI Al-Hidayah 01 Betak. Instrumen penelitian yang digunakan adalah lembar wawancara, lembar angket validasi ahli, angket peserta didik serta lembar instrumen soal. teknik pengumpulan data menggunakan wawancara dan angket dengan skala Likert. Validasi dilakukan oleh ahli materi dan ahli media, serta angket pendidik dan peserta didik

Hasil penelitian dengan pengembangan modul IPA berbasis CTL menunjukkan bagaimana modul IPA yang dibuat kemudian memperoleh hasil sebagai berikut: (1) Modul IPA berbasis *Contextual Teaching and Learning* kelas IV MI Al-Hidayah 01 Betak dikembangkan menggunakan model 4D dari Thiagarajan yang terdiri dari 4 tahapan yaitu, pendefinisian (*define*), Perancangan (*design*), Pengembangan (*development*), Penyebaran (*disseminate*). (2) Untuk Respon peserta didik memperoleh nilai rata-rata 94% dengan kriteria sangat efektif. (3) Hasil dari keefektifan penggunaan modul IPA mendapatkan hasil penilaian *pretest* dan *posttest* mendapat persentase rata rata 0,7743 jadi nilai ini lebih besar dari  $g > 0,7$  dengan kriteria tinggi. Kemudian untuk *Ngain* persen nilai rata-rata yang diperoleh yaitu 77,4333 jadi nilai ini lebih besar dari 76%. Maka tafsirannya adalah mendapatkan kriteria efektif.

## ABSTRACT

Thesis with the title "**Development of Science Based Teaching Modules *Contextual Teaching And Learning* class IV MI Al-Hidayah 01 Betak Kalidawir Tulungagung**" This was written by Nurul Kuzaimah, NIM 126205202126, Madrasah Ibtidaiyah Teacher Education Study Program, Faculty of Tarbiyah and Teacher Training, UIN Sayyid Ali Rahmatullah Tulungagung supervised by Mr. Hafidz Rosyidiana, M.Pd., NIP 198904292020121008.

**Keywords:** Development, modules, science, *Contextual teaching and learning*

Teaching modules are an important part of the learning process, but it is still often found that in learning educators still focus on textbooks and worksheets. In this regard, it is necessary to develop teaching materials in the form of modules that are interesting, varied and easy to understand for class IV MI/SD students.

The problem formulation in this research is: (1) how to develop science-based teaching modules *Contextual Teaching And Learning* class IV in MI/SD, (2) how students respond to the development of science-based teaching modules *Contextual Teaching And Learning* class IV in MI/SD, (3) what is the effectiveness of using the development of science-based teaching modules *Contextual Teaching And Learning* class IV in MI/SD. The aim is to determine student responses and the effectiveness of science-based teaching modules *Contextual Teaching And Learning* class IV in MI/SD. The targets of this research and development are class IV students at MI Al-Hidayah 01 Betak Kalidawir Tulungagung.

This research uses this type of research *Research and Development (R&D)* with a 4-D floating model (*Four D*). The subjects of this research were 20 class IV students at MI Al-Hidayah 01 Betak. The research instruments used were interview sheets, expert validation questionnaire sheets, student questionnaires and question instrument sheets. Data collection techniques used interviews and questionnaires with a Likert scale. Validation was carried out by material experts and media experts, as well as questionnaires from educators and students

The results of research with the development of CTL-based science modules show how the science modules that were created then obtained the following results: (1) Science-based modules *Contextual Teaching and Learning* class IV MI Al-Hidayah 01 Betak was developed using the 4D model from Thiagarajan which consists of 4 stages, namely, defining (*define*), Planning (*design*), Development (*development*), Spread (*disseminate*). (2) For students' responses, they obtained an average score of 94% with very effective criteria. (3) The results of the effectiveness of using the science module obtain assessment results *pretest* and *posttest* got an average percentage of 0.7743 so this value is greater than  $g > 0.7$  with high criteria. Then for *Ngain* persen the average value obtained is 77.4333 so this value is greater than 76%. So the interpretation is to obtain effective criteria.

