**ABSTRAK**

YUPRIANA ASIS. *Pengembangan Perangkat Pembelajaran Kooperatif Tipe STAD dengan Pendekatan Quantum Teaching pada Materi Ikatan Kimia* (dibimbing oleh Tabrani Gani dan Melati Masri).

Penelitian ini merupakan penelitian pengembangan yang difokuskan untuk mengembangkan perangkat pembelajaran kooperatif tipe STAD *(Student Team Achievement Division)* dengan pendekatan *Quantum Teaching* pada materi ikatan kimia yang meliputi Rencana Pelaksanaan Pembelajaran, Buku Siswa, Lembar Kegiatan Siswa, dan Tes Hasil Belajar untuk siswa kelas X SMA. Model pengembangan yang digunakan dalam penelitian ini mengacu pada model pengembangan perangkat pembelajaran Thiagarajan (Model 4-D), yang terdiri dari tahapan pendefenisian *(define)*, perancangan *(design)*, pengembangan *(develop)*, dan penyebaran *(disseminate)*. Perangkat pembelajaran kooperatif tipe STAD *(Student Team Achievement Division)* dengan pendekatan *Quantum Teaching* yang telah dikembangkan, telah divalidasi oleh dua orang ahli dengan mengalami revisi sehingga didapatkan hasil yang layak digunakan. Uji coba dilakukan di SMA Negeri 1 Takalar pada kelas X-2 dengan jumlah siswa sebanyak 32 orang. Hasil penelitian menunjukkan bahwa perangkat pembelajaran yang dikembangkan setelah dilakukan validasi maka perangkat tersebut dinyatakan valid. Perangkat pembelajaran dikatakan prakti*s* karena seluruh aspek dalam pembelajaran berada pada kategori terlaksana seluruhnya. Perangkat pembelajaran dikatakan efektif karena telah memenuhi kriteria keefektifan, dengan hasil: (1) Aktivitas siswa dan guru terpenuhi; (2) Hasil belajar siswa telah mencapai ketuntasan belajar klasikal, dan (3) Siswa memberikan respon yang positif terhadap perangkat pembelajaran yang digunakan.

Kata kunci: perangkat pembelajaran, model pembelajaran kooperatif, tipe STAD, quantum teaching, ikatan kimia

ABSTRACT

YUPRIANA ASIS. 2012. *Development of Cooperative Learning Tools of*  STAD *(Student Team Achievement Division) Type by Quantum Teaching Approach on Chemical Bond Subject* (supervised by Tabrani Gani and Melati Masri)

The study is a research and development which focused to develop cooperative learning tools of STAD (Student Team Achievement Division) type by quantum teaching approach on chemical bond subject which consisted of lesson plan, student’s book, student’s worksheet, and achievement test for grade X at SMA. The development model used in the study referred to Thiagarajan Model (4-D Model) which consisted of definition stage, design stage, development stage, and dissemination stage. The cooperative learning tools of STAD *(Student Team Achievement Division)* type by quantum teaching approach on chemical bond subject which has been developed and has been validated by two experts by having revision which produced feasible result. The tried out was conducted at SMAN 1 Takalar on grade X-2 with as many 32 students. The result of the study revealed that the developed learning tools was confirmed as valid after being validated. The learning tools *was* stated as practical because all of the aspects in learning were in the category of compeletely conducted. The learning tools was stated as effective because it has fulfilled the criteria of effective with the following result: (1) student’s activities and teacher are fulfilled; (2) student’s learning achievement has achieved classical learning mastery, and (3) students gave positive response on the learning tools which being used.

Keywords: learning tools, cooperative learning model, STAD type, quantum teaching, chemical bond