

Rukayyah. 2023. Penerapan Kombinasi Model Kooperatif Tipe *Make a Match* dan *Mind Mapping* Terhadap Kemampuan Berpikir Kreatif Siswa. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Dr. Aditya Rakhmawan, S.Si., M.Pd.

## ABSTRAK

Penelitian ini bertujuan untuk mengetahui bagaimana perbedaan kemampuan berpikir kreatif siswa antara kelas eksperimen dan kelas kontrol, bagaimana kemampuan berpikir kreatif siswa setelah diberi perlakuan model pembelajaran, serta keterlaksanaan pembelajaran dan respon siswa dalam proses pembelajaran. Penelitian menggunakan *quasi eksperimental* jenis *nonequivalent control group design* dan dilaksanakan di SMP Al-Hikam Burneh. Teknik pengambilan sampel menggunakan teknik *purposive sampling*. Sampel yang digunakan yaitu kelas VIII E sebagai kelas eksperimen dan kelas VIII G sebagai kelas kontrol. Pengumpulan data menggunakan tes kemampuan berpikir kreatif, lembar observasi keterlaksanaan pembelajaran, dan angket respons siswa. Teknik analisis data menggunakan uji *mann whitney U-test*. Hasil penelitian dapat disimpulkan bahwa: 1) ada perbedaan kemampuan berpikir kreatif siswa antara kelas eksperimen dan kelas kontrol dengan nilai rata-rata *pretest* kelas eksperimen sebesar 19,10 dan kelas kontrol sebesar 12,92 dan nilai rata-rata *posttest* kelas eksperimen sebesar 81,77 dan kelas kontrol sebesar 37,08, 2) keterlaksanaan pembelajaran memperoleh rata-rata sebesar 89% dengan kategori sangat baik, 3) respons siswa terhadap model pembelajaran kooperatif tipe *make a match* dan *mind mapping* perolehan rata-rata indikator pemahaman sebesar 91%, ketertarikan 95%, kemudahan 93%, dan keterbantuan 91% diperoleh hasil rata-rata semua indikator angket respons siswa yaitu 93%. Kesimpulan dari penelitian ini yaitu penerapan kombinasi model kooperatif tipe *make a match* dan *mind mapping* pada materi sistem pernapasan manusia dapat membuat siswa aktif dalam pembelajaran dan mengembangkan kemampuan berpikir kreatif siswa.

**Kata Kunci:** Kemampuan Berpikir Kreatif, Model Pembelajaran Kooperatif Tipe *Make a Match* dan *Mind Mapping*.

Rukayyah. 2023. *Application of the Make a Match Type Cooperative Model Combination with Mind Mapping on Students' Creative Thinking Ability*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo University, Madura. Advisor: Dr. Aditya Rakhmawan, S.Si., M.Pd.

### **ABSTRACT**

*This study aims to find out how the differences in students creative thinking abilities between the experimental class and the control class, how students creative thinking abilities after being treated with learning models, as well as the implementation of learning and student responses in the learning process. This research used a quasi-experimental nonequivalent control group design and was carried out at Al-Hikam Burneh Middle School. The sampling technique used purposive sampling technique. The sample used was class VIII E as the experimental class and class VIII G as the control class. Data collection used creative thinking ability tests, observation sheets of learning implementation, and students response questionnaires. Data analysis technique used the Mann Whitney U-Test. The results of the study can be concluded that: 1) there is a difference in students creative thinking abilities between the experimental class and the control class with an average pretest score of 19,10 for the experimental class and 12,92 for the control class and an average posttest score of 81,77 for the experimental class and for the control class of 37,08, 2) the implementation of learning obtains an average of 89% in the very good category, 3) student responses to the make a match and mind mapping cooperative learning model obtain an average understanding indicator of 91%, 95% interest, 93% ease, and assistance of 91% obtained the average result of all indicators of student response questionnaires, namely 93%. The conclusion of this study is that the application of a combination of make a match and mind mapping cooperative models to the human respiratory system material can make students active in learning and develop students creative thinking abilities.*

**Keyword:** *Creative Thinking Ability, Make Match Type Cooperative Learning Model with Mind Mapping*