

Nurul Aini. 2022. *Penerapan Model CRBL Berbantuan Media Kokami Untuk Meningkatkan Kreativitas Ilmiah Peserta Didik*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Ana Yuniasti Retno Wulandari.

ABSTRAK

Kreativitas ilmiah merupakan salah satu kemampuan yang sangat penting untuk dimiliki peserta didik. Hal ini dikarenakan kreativitas ilmiah dapat membantu peserta didik menyelesaikan suatu permasalahan dengan menggunakan daya imajinasi dan pengetahuan yang dimiliki. Tujuan penelitian ini adalah untuk mengetahui perbedaan kreativitas ilmiah, peningkatan kreativitas ilmiah, respons peserta didik dan keterlaksanaan model CRBL berbantuan media kokami dikelas VII A UPTD SMP Negeri 1 Sepulu di Kecamatan Sepulu, Kabupaten Bangkalan pada materi pemanasan global. Jenis penelitian ini yaitu penelitian kuantitatif menggunakan metode *Pre-Eksperiment* dengan desain *One-Group Pretest posttest*. Populasi penelitian yaitu seluruh peserta didik kelas VII Tahun Ajaran 2021/2022. Pengambilan sampel menggunakan teknik *purposive sampling*. Sampel penelitian sebanyak 29 peserta didik. Data dikumpulkan menggunakan tes, observasi dan angket. Hasil penelitian menunjukkan bahwa: 1) terdapat perbedaan kreativitas ilmiah peserta didik sebelum dan sesudah diterapkannya model CRBL berbantuan media kokami dengan hasil $t_{hitung} < t_{tabel}$ ($-6,407 < -2,048$) dan signifikan $0,000 < 0,05$ maka H_0 ditolak dan H_1 diterima, 2) terdapat peningkatan kreativitas ilmiah peserta didik setelah diterapkannya model CRBL berbantuan media kokami dengan hasil *N-Gain* sebesar 0,5 yang termasuk kategori sedang, 3) Respons peserta didik terhadap pembelajaran model CRBL berbantuan media kokami memiliki persentase sebesar 80% yang termasuk dalam kategori baik, 4) Keterlaksanaan proses pembelajaran model CRBL berbantuan media kokami memiliki persentase sebesar 98% yang termasuk dalam kategori sangat baik. Berdasarkan hasil penelitian yang telah dilakukan dapat disimpulkan bahwa dengan diterapkan model CRBL berbantuan media kokami terdapat perbedaan serta peningkatan pada kreativitas ilmiah dan respons terhadap pembelajaran model CRBL berbantuan media kokami dalam kategori baik serta keterlaksanaan pembelajaran model CRBL berbantuan media kokami dalam kategori sangat baik.

Kata kunci : kreativitas ilmiah, media kokami, model CRBL, pemanasan global

Nurul Aini. 2022. *Application of the CRBL Model Assisted by Kokami Media to Improve Students' Scientific Creativity*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo University Madura. Supervisor : Ana Yuniasti Retno Wulandari.

ABSTRACT

Scientific creativity is one of the most important abilities for students to have. This is because scientific creativity can help students solve a problem by using their imagination and knowledge. The purpose of this study was to determine the differences in scientific creativity, increase in scientific creativity, student responses and the implementation of the CRBL model assisted by kokami media in class VII A UPTD SMP Negeri 1 Sepulu in Sepulu District, Bangkalan Regency on global warming material. This type of research is quantitative research using the Pre-Experiment method with the One-Group Pretest posttest design. The research population is all seventh grade students for the 2021/2022 academic year. Sampling using purposive sampling technique. The research sample was 29 students. Data were collected using tests, observations and questionnaires. The results showed that: 1) there were differences in the scientific creativity of students before and after the implementation of the CRBL model assisted by kokami media with the results $t_{\text{count}} < t_{\text{table}}$ ($-6.407 < -2.048$) and significant $0.000 < 0.05$ then H_0 was rejected and H_1 was accepted, 2) there is an increase in the scientific creativity of students after the implementation of the CRBL model assisted by kokami media with an N-Gain result of 0.5 which is included in the medium category, 3) The response of students to learning the CRBL model assisted by kokami media has a percentage of 80% which is included in the good category, 4) The implementation of the CRBL model learning process assisted by kokami media has a percentage of 98% which is included in the very good category. Based on the results of the research that has been carried out, it can be concluded that by applying the CRBL model assisted by kokami media there are differences and improvements in scientific creativity and responses to learning the CRBL model assisted by kokami media in the good category and the implementation of learning the CRBL model assisted by kokami media in the very good category.

Keywords: *scientific creativity, kokami media, CRBL model, global warming*