

Denny Tri Anjarsari. 2018. *Pengembangan Buletin IPA berbasis Socio Science Issues (SSI) terhadap Reflective Judgment*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan. Universitas Trunojoyo Madura. Pembimbing I : Yunin Hidayati, Pembimbing II : Irsad Rosidi.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kelayakan Buletin IPA berbasis SSI, keterbacaan, keterlaksanaan, respon siswa, dan kemampuan *reflective judgment* siswa pada materi pencemaran lingkungan. Penelitian ini menggunakan model pengembangan Dick and Carey, desain penelitian dengan model *One Group Pretest-Posttest Design* dan dilaksanakan di kelas VII C SMP Negeri 4 Kamal. Berdasarkan hasil pengembangan dan penelitian (R & D) diperoleh data sebagai berikut: 1) hasil rata-rata kelayakan Buletin IPA sebesar 97,5% dengan kategori layak digunakan. 2) hasil rata-rata keterbacaan Buletin IPA sebesar 78% menunjukkan kriteria sangat menarik. 3) hasil rata-rata keterlaksanaan pembelajaran sebesar 95% dengan kriteria sangat baik. 4) hasil respon siswa sebesar 78% dengan kriteria sangat baik. 5) hasil kemampuan *reflective judgment* pada *pretest* kategori *reflective* sebesar 16%, *quasi reflective* sebesar 68%, *pra reflective* sebesar 16%. Pada *posttest* kategori *reflective* sebesar 20%, *quasi reflective* sebesar 60%, *pra reflective* sebesar 20%. 6) hasil uji hipotesis untuk uji t sampel berpasangan dengan perolehan nilai $-11,718 < 2,063 < 11,718$ maka H_0 ditolak dan H_0 diterima. Hal ini sesuai dengan kriteria yaitu jika $-t_{hitung} < t_{tabel} < +t_{hitung}$ maka, H_1 diterima sehingga hipotesis nol (H_0) ditolak dan hipotesis alternatif (H_1) diterima. Sehingga dapat diartikan bahwa adanya pengaruh Buletin IPA berbasis SSI pada materi pencemaran lingkungan terhadap kemampuan *reflective judgment* siswa.

Kata kunci : Buletin IPA, *Model Socio Science Issues (SSI)*, Pencemaran Lingkungan, *Reflective Judgment*.

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ABSTRACT

This study aims to determine the expediency of Science Bulletin based on SSI, readability, implementation, student response, and reflective judgment ability of students on environmental pollution material. This research uses Dick and Carey development model, research design with One Group Pretest-Posttest Design model and implemented in class VII C SMP Negeri 4 Kamal. Based on the results of development and research (R & D) obtained the data as follows: 1) the average result expediency of Science Bulletin of 97.5% with the category worthy of use. 2) The average results of readability of Science Bulletin of 78% indicate very interesting criteria. 3) The average implemented learning result learning achieve of 95% with very good criteria. 4) The result of student response of 78% with very good criteria. 5) The ability result of reflective judgment on pretets category is 16%, quasi reflective is 68%, and pra reflective is 16%. On posttest in reflective category is 20%, quasi reflective 60%, and pra reflective 20%. 6) The hypothesis test result for paired sample t test with value acquisition significance 0,000 lower than 0,05. That case appropriate with criteria hypothesis test if significance < 0,05 then H_0 refused and H_1 accepted. So can be mean that there is influence of Science Bulletin based on SSI on environmental pollution material to reflective judgment ability of students.

Keywords: Science Bulletin, Socio Science Issues (SSI) Model, Environmental Pollution, Reflective Judgment.