ABSTRAK

Pramiana, Sylmi. 2017. Pengembangan Modul Praktikum Materi Asam - Basa Berbasis *Group Investigation* (GI) Untuk Meningkatkan Sikap Pro-Lingkungan. Skripsi, Program Studi Pendidikan Kimia, Universitas Muhammadiyah Semarang. Pembimbing Utama Eko Yuliyanto, S. Pd. Si., M.Pd., Pendamping. Dra. Endang Tri Wahyuni M, M.Pd.

Kata kunci: modul praktikum, asam-basa, *Group Investigation* (GI), pro-lingkungan

Pencemaran dan kerusakan lingkungan hidup menimbulkan banyak musibah yang terjadi baik di dunia maupun di negeri kita sendiri. Permasalahan lingkungan yang terjadi dapat diatasi dengan sikap kepedulian kita terhadap lingkungan melalui pendidikan. Proses pembelajaran tidak hanya pemberian dan penyampaian materi tetapi dapat diberikan pengalaman langsung kepada siswa dengan menerapkan metode ilmiah melalui percobaan atau praktikum. Kegiatan pembelajaran praktikum di sekolah kurang memberikan pengalaman belajar sehingga perlu dikembangkan modul praktikum sebagai acuan siswa-siswi berbasis *Group Investigatin* (GI) dengan pro-lingkungan. Tujuan penelitian ini adalah mengembangkan, mengetahui kualitas dan kelayakan modul praktikum praktikum pro-lingkungan berbasis GI pada materi asam basa serta meningkatkan sikap kepeduliaan siswa terhadap lingkungan. Metode penelitian yang digunakan adalah metode penelitian dan pengembangan Borg dan Gall. Prosedur pengembangannya melibatkan lima langkah utama, yakni analisis produk; mengembangkan produk awal; validasi ahli; uji coba lapangan skala kecil; dan produk akhir. Hasil penelitian modul praktikum dikembangkan dengan pengembangan Borg dan Gall dengan kualitas sangat baik dari setiap aspek validasi. Validasi oleh reviewer dinyatakan sangat valid atau layak untuk di uji cobakan kepada siswa. Sikap kepedulian siswa terhadap lingkungan terdapat peningkatan yang dapat dilihat dari tiga ranah yaitu; kognitif, afektif, dan psikomotorik dengan rata-rata sangat baik.

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ABSTRACT

Pramiana, Sylmi. 2017. The development of Module Teaching acid-base Material-based Group Investigation (GI) to enhance the Pro-Environmental Stance. Thesis, Chemical Education Courses, University Of Muhammadiyah Semarang. Main Supervisor Of Eko Yuliyanto, S. Pd. Si., M. Pd, Escort. Dra. Endang Tri Wahyuni M, M. Pd.

Keywords: teaching modules, acid-base, Group Investigation (GI), pro-environment

Pollution and environmental damage pose many calamities that occurred both in the world and in our own country. Environmental problems that occur can be overcome by our caring attitude towards the environment through education. The learning process is not only granting and delivery material but can be given directly to the student experience by applying the scientific method through experiment or practical. Practical learning activities in school less provide a learning experience so that practical modules need to be developed as a reference for students based Group Investigatin (GI) with pro-enviromental. The purpose of this research is to develop, know the quality and feasibility of the module teaching practical pro-environment-basedGI on the material bases and acids improve the attitude of kepeduliaan students to the environment. The research method used is the method of research and development of the Borg and Gall. Development procedure involves five main steps, namelythe analysis of the product; develop the initial product; expert validation; small scalefield trials; and the final product. The results of the research of teaching modules developed with Borg and Gall development with excellent quality of every aspect of validation. Validation by the reviewer stated very valid or feasible for test cobakan to students. The attitude of the students towards the environment, there is concern the increase that can be seen from three domains, namely; cognitive, affective, and psychomotor with average is very good.

SEMARANG

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