

ABSTRAK

Penelitian pengembangan bertujuan untuk menghasilkan produk berupa modul pembelajaran biologi berbasis grup investigasi pada materi jamur yang layak digunakan sebagai bahan ajar kelas X IPA SMA. Pengembangan modul ini menggunakan model pengembangan *Research and Development* menggunakan model 4-D, yaitu mulai dari mencari potensi masalah, pengumpulan data, validasi produk, revisi produk, uji coba produk pemakaian. Hasil dari pengembangan modul biologi berbasis grup investigasi dari aspek desain diperoleh persentase "75,5%". Hasil validasi ahli materi mendapatkan persentase "90%" dan hasil uji respon peserta didik diperoleh persentase "87,2%". Dapat disimpulkan bahwa nilai rata-rata persentase sebesar "84,2%" dengan kriteria "Sangat Baik". Sehingga dapat disimpulkan bahwa ,modul yang dikembangkan layak digunakan sebagai salah satu referensi bahan ajar pada pembelajaran biologi pada materi jamur disekolah.

Kata Kunci: Modul, grup investigasi, pengembangan

ABSTRACT

The research and development aims to produce a product in the form of an investigation group based biology learning module on mushroom material that is suitable for use as teaching materials for class X IPA SMA. The development of this module uses a Research and Development development model using a 4-D model, starting from looking for potential problems, collecting data, validating products, revising products, testing usage products. The result of the development of a biology module based on the investigation group from the design aspect was obtained a percentage of "75.5%". The results of the material expert validation get a percentage of "90%" and the results of the student response test obtained a percentage of "87.2%". It can be concluded that the average percentage value is "84.2%" with the criteria "Very Good". So it can be concluded that the developed toothpaste is suitable for use as a reference for teaching materials in biology learning on mushroom material in schools.

Keywords: Module, Investigation Group, Development