

ABSTRAK

PENGEMBANGAN PETUNJUK PRAKTIKUM IPA TERINTEGRASI POTENSI LOKAL BAWANG MERAH UNTUK MENINGKATKAN KETERAMPILAN PROSES SAINS DI MTS AL-MUJAHIDIN

Oleh: Ach Heriyansyah

Penelitian ini bertujuan untuk mengetahui kelayakan produk petunjuk praktikum IPA, meningkatkan keterampilan proses sains dan mengetahui respon siswa dan guru setelah menggunakan petunjuk praktikum IPA terintegrasi potensi lokal bawang merah untuk meningkatkan keterampilan proses sains di Mts Al-Mujahidin. Penelitian ini merupakan jenis penelitian Research and Development (R&D). Penelitian menggunakan metode pengembangan Bord and Gall. Proses pengembangan di mulai dari tahap penelitian dan pengumpulan informasi, perencanaan, pengembangan produk awal, uji coba awal, revisi produk, uji coba lapangan dan revisi produk akhir. Hasil penelitian menunjukkan bahwa petunjuk praktikum IPA terintegrasi potensi lokal bawang merah sangat layak dikembangkan serta dapat meningkatkan keterampilan proses sains yang meliputi indikator mengamati, mengklasifikasi, mengkomunikasikan, mengukur, memprediksi dan menyimpulkan. Respon siswa dan guru setelah menggunakan petunjuk praktikum Ipa terintegrasi potensi lokal bawang merah sangat positif.

Kata Kunci: Petunjuk praktikum, Potensi lokal, Bawang merah, keterampilan proses sains

ABSTRACT

DEVELOPMENT OF INTEGRATED SCIENCE PRACTICUM INSTRUCTIONS. LOCAL POTENTIAL OF SHALLOTS TO IMPROVE SCIENCE PROCESS SKILLS AT MTS AL MUJAHIDIN

Oleh: Ach Heriyansyah

This research aims to determine the feasibility of science practical instruction products, improve science process skills and determine the responses of students and teachers after using science practical instructions integrated with the local potential of shallots to improve science process skills at Mts Al-Mujahidin. This research is a type of Research and Development (R&D) research. The research uses the Bord and Gall development method. The development process starts from the research and information gathering stages, planning, initial product development, initial trials, product revisions, field trials and final product revisions. The results of the research show that integrated science practical guidance on the local potential of shallots is very worthy of development and can improve science process skills which include indicators of observing, classifying, communicating, measuring, predicting and concluding. The response of students and teachers after using the science practicum instructions integrated with the local potential of shallots was very positive.

Keywords: *Practical instructios, local potential, red onion, science process skills*