ABSTRAK

PENGEMBANGAN KIT FLUIDA STATIS BESERTA LKS UNTUK MENUMBUHKAN KETERAMPILAN BERPIKIR KREATIF SISWA

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Keterampilan berpikir kreatif dapat ditumbuhkan melalui berbagai kegiatan pembelajaran. Penelitian ini bertujuan untuk mendeskripsikan karakteristik produk kit fluida statis beserta LKS untuk menumbuhkan keterampilan berpikir kreatif siswa, mendeskripsikan kemenarikan, kemudahan, dan kemanfaatan kit fluida statis dan LKS, serta mendeskripsikan keefektifan kit fluida statis beserta LKS. Metode penelitian yang digunakan yaitu penelitian metode campuran. Prosedur pengembangan dalam penelitian ini dimulai dengan analisis kebutuhan, perancangan draf dan instrumen, validasi ahli dan uji satu lawan satu, uji kualitas instrumen soal dan tes awal, uji lapangan, observasi pelaksanaan, uji efektifitas, pengumpulan data kualitas produk, terakhir yaitu interpretasi data dan finalisasi produk. Kesimpulan dari penelitian ini yaitu dihasilkan kit fluida statis dengan karakteristik yaitu kit terbuat dari bahan sederhana, mudah digunakan, dan LKS dengan karakteristik yang memuat langkah-langkah pendekatan ilmiah dengan kegiatan untuk menumbuhkan keterampilan *fluency*, *flexibility*, *originality*, dan *elaboration*. Kit fluida statis beserta LKS sangat menarik, memudahkan, dan sangat bermanfaat menurut siswa berdasarkan uji lapangan dengan skor kemenarikan 3,31, kemudahan 3,00, dan kemanfaatan 3,54. Kit fluida statis beserta LKS dinyatakan efektif untuk menumbuhkan keterampilan berpikir kreatif siswa berdasarkan perbandingan nilai *N-Gain* kelas eksperimen (0,46) lebih tinggi dibandingkan kelas kontrol (0,22) dan sesuai dengan data yang diperoleh saat uji lapangan siswa merasa bertambah rasa ingin tahu, serta tumbuh ide-ide baru setelah melakukan praktikum menggunakan kit dan LKS..

Kata kunci: kit fluida statis, LKS, praktikum, dan keterampilan berpikir kreatif.

ABSTRACT

DEVELOPMENT OF STATIC FLUID KIT WITH WORKSHEET FOR FOSTERING STUDENTS' CREATIVE THINKING SKILL

By

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Creative thinking skills can be fostered through a variety of learning activities. The aim of this research was to describe the characteristics of the product of fluid kit with worksheets for fostering students' creative thinking skill, described attractiveness, easiness, and usefulness of static fluid kit and worksheets, and to describe the effectiveness of the static fluid kit with worksheets. The method in this research used mixed method research. Development procedure in this study begins with needs analysis, design drafts and instruments, expert validation and one-on-one test, instrument quality test and initial test, field test, observation implementation, effectiveness test, data collection of product's quality, and the interpretation of the data and finalization of the product. The conclusion of this study was the static fluid kit with characteristics that kit was made from daily material, easy to use, and worksheets with characteristics that contain scientific approach steps with activities to foster the skills of fluency, flexibility, originality and elaboration had produced. Kit static fluid with LKS were very attractive, easy to use, and very useful according to the field test with the attractiveness score 3.31, easiness score 3.00 and usefulness score 3.54. Static fluid kit with worksheet effective for be used in the learning process based on the N-Gain of experiment class (0,46) was higher than control class (0,22) and based on the data from the field test found that student curiosity was increased, and also fostering new idea after conducted the experiment with kit and worksheet..

Keywords: static fluid kit, worksheet, experiment course, creative thinking skill.