

**Penyusunan Bahan Ajar IPBA Tema Gerak Benda Langit Berorientasi
Pengakomodasian Kecerdasan Majemuk dan Penanaman Karakter Siswa SMP**

ABSTRAK

Penelitian ini bertujuan menyusun bahan ajar Ilmu Pengetahuan Bumi Antariksa (IPBA) tema Gerak Benda Langit berorientasi pada pengakomodasian kecerdasan majemuk dan penanaman karakter siswa SMP. Hal ini dilatarbelakangi rendahnya tingkat pemahaman siswa SMP terhadap materi IPBA khususnya tema Gerak Benda Langit. Bahan ajar IPBA terintegrasi dirancang dengan memadukan enam disiplin ilmu yaitu Fisika, Geografi, Matematika, Biologi, Teknologi, dan Agama. Selain itu, berbagai jenis kegiatan siswa seperti kegiatan diskusi kelompok, eksperimen, simulasi, menggambar, bercerita, dan bermain peran disertakan pada bahan ajar sehingga menjadikan bahan ajar dapat digunakan sebagai media pengakomodasian kecerdasan majemuk dan penanaman karakter siswa. Pendekatan *Research and Development* model 4-D digunakan untuk mengembangkan bahan ajar pada penelitian ini. Instrumen yang digunakan meliputi angket pembelajaran IPBA, angket identifikasi kecerdasan majemuk, soal uji pemahaman konsep IPBA tema Gerak Benda Langit, Soal uji rumpang bahan ajar, dan angket keterbacaan bahan ajar. Hasil uji rumpang bahan ajar kepada 20 orang siswa kelas VIII SMP menunjukkan bahan ajar memiliki kriteria keterbacaan “baik” dengan nilai 83%. Kriteria “baik” juga didapat dari hasil validasi bahan ajar oleh 4 orang pakar yang menunjukkan bahan ajar dapat digunakan sebagai media pengakomodasian kecerdasan majemuk dan penanaman karakter siswa SMP.

Kata kunci: bahan ajar terintegrasi, kecerdasan majemuk, gerak benda langit

**Integrated Earth and Space's Learning Material Arrangement on Space Object
Motion Theme Based on Multiple Intelligences Accomodation and Character
Building in Junior High School Students**

ABSTRACT

This research aim to construct teaching materials of Earth and Space Science (ESS) in motion of sky-object which is oriented to accommodations multiple intelligences and planting character to junior high school students. The background is low level of students' understanding in ESS content especially at sky-object motion topic. ESS integrated teaching material designed by combining six science disciples that is: Physics, Geography, Mathematics, Biology, Technology, and Religion, beside that various students' activity such as group discussion, experiment, simulation, drawing, storytelling, and role play included in teaching materials so it makes useable as accommodations of multiple intelligence and planting character to students. Research and Development approach 4-D model used to develop teaching material in this study. Instrument used include ESS learning questionnaire, a questionnaire identification of multiple intelligences, question to test comprehend in ESS concept at sky-object motion topic, incomplete sentence test about teaching material, and a questionnaire legibility. The test of incomplete sentence in teaching material to 20 junior high school students grade VIII shows that teaching materials have criteria of legibility "good" with a value 83%. "Good" criteria also derived from the validation of teaching materials by 4 expert that shows teaching materials are able to use as media to accommodations multiple intelligences and planting character to junior high school students.

Toto Budiarto, 2015

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