

Diniyatul Islamiyah. 2020. *Analisis Kemampuan Berpikir Kritis Siswa pada Materi Pesawat Sederhana*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing 1 : Mochammad Ahied dan Pembimbing 2 : Wiwin Puspita Hadi.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui tingkat kemampuan berpikir kritis siswa pada materi pesawat sederhana. Penelitian dilaksanakan di SMP Islam Blega-Bangkalan dengan subjek 25 siswa kelas VIII SMP Tahun Ajaran 2020/2021. Teknik pengambilan sampel menggunakan *purposive sampling*. Pengumpulan data menggunakan teknik tes dan dokumentasi. Berdasarkan hasil penelitian diperoleh tingkat kemampuan berpikir kritis siswa kelas VIII di SMP Islam Blega-Bangkalan dengan kriteria persentase 56% sangat rendah, 28% rendah dan 16% sedang. Sedangkan persentase tiap indikator meliputi 58% memberikan penjelasan sederhana, 63,5% membangun keterampilan dasar, 49% menyimpulkan, 33% memberikan penjelasan lebih lanjut dan 40,5% mengatur strategi dan taktik. Jadi, kesimpulan dari penelitian ini adalah tingkat kemampuan berpikir kritis siswa kelas VIII di SMP Islam Blega-Bangkalan pada materi pesawat sederhana tergolong sangat rendah.

Kata kunci : analisis, kemampuan berpikir kritis, pesawat sederhana

Diniyatul Islamiyah.2020. *Analysis of Critical Thinking Skills of Students on simple machine*Topic. Thesis, Natural Science Education, Education Faculty, University of Trunojoyo Madura. 1st Advisor : Mochammad Ahied and 2nd Advisor : Wiwin Puspita Hadi.

ABSTRACT

The aim of the research was to know the level of students critical thinking skills on simple machine topic. The research was conducted in SMP Islam Blega-Bangkalan with a subject of 25 eighth-grade students of junior high school in the academic year of 2020/2021. The sampling technique uses *purposive sampling*. Technique of collecting data used test and documentation. Based on the results of this research, it was found that the level of students critical thinking skills eighth-grade students in SMP Islam Blega-Bangkalan with percentage criteria 56% very low, 28% low and 16% medium. While the percentage of each indicator includes 58% give a simple explanation, 63,5% build basic skills, 49% conclude, 33% give a further explanation and 40,5% set strategy and tactics. Thus, the conclusion to this research is the level of students critical thinking skills eighth-grade students in SMP Islam Blega-Bangkalan on simple machine topic to classified very low.

Keywords: analysis, critical thinking skills, simple machine