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ABSTRAK

Pemahaman konsep adalah kemampuan seseorang untuk menjelaskan dan mengungkapkan sesuatu yang diterima. Pemahaman konsep sangat diperlukan bagi siswa yang sudah mengalami proses belajar. Penelitian ini bertujuan untuk mengetahui kemampuan pemahaman konsep siswa pada materi tata surya. Penelitian ini menggunakan desain penelitian *Ex Post Facto* dan dilaksanakan di daerah Sumenep di SMP Negeri 1 Batang Batang dengan populasi semua kelas VII tahun ajaran 2019/2020. Sampel penelitian sebanyak 40 siswa. Pengumpulan data menggunakan Tes pemahaman konsep siswa dibuat dalam bentuk *google form* yang berisi soal pilihan ganda. Siswa dapat menjawab soal pilihan ganda tersebut melalui link yang telah disediakan dan berisi tes pemahaman konsep pada materi tata surya. Berdasarkan hasil penelitian dapat disimpulkan bahwa: (1) rata-rata kemampuan pemahaman konsep siswa pada materi tata surya yaitu 71,63 termasuk kategori baik meliputi (a) rata-rata indikator menjelaskan yaitu 65,6, (b) rata-rata indikator menafsirkan yaitu 75, (c) rata-rata indikator mengklasifikasikan yaitu 76,25, (d) rata-rata indikator membandingkan yaitu 75,7, (e) rata-rata indikator mencontohkan yaitu 76,25, (f) rata-rata indikator menyimpulkan yaitu 61.

Kata kunci : pemahaman konsep, tata surya, tes

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ABSTRACT

Understanding concepts is one's ability to explain and express something that is received. Understanding the concept is very necessary for students who have improved the learnin process. This study aimed to determine the ability of students to understand the concepts of the solar system. This study used the Ex Post Facto research design and was carried out in the Sumenep area in SMP Negeri 1 Batang Batang with a population of all students in VII class in the 2019/2020 school year. The research samples were 40 students. Data collection using students' concept understanding tests made in the form of Google form which contains multiple choice questions. Students answered multiple choice questions through links that have been provided which contain concept understanding tests on the topic of the solar system. Based on the results of the study, it can be concluded that: (1) the average ability of students' understanding of concepts in the solar system topic was 71,63 which was categorized as good criteria and includes both categories: (a) the average indicator of explaining was 65,6, (b) the average of interpreting indicator was 75, (c) the average indicator of classifying was 76,25, (d) the average indicator of comparing was 75,7, (e) the average indicator of exemplifying was 76,25, (f) the indicator of concluding was 61.

Keywords : solar system, tests, understanding of concepts