

ABSTRAK

PARNINGOTAN SIAGIAN, NIM. 8156174013. Analisis Kemampuan Literasi Sains dan Sikap Ilmiah Siswa di Kelas VII SMP Se-Kabupaten Labuhanbatu Utara. Tesis. Medan: Program Pascasarjana Universitas Negeri Medan, 2018.

Penelitian ini bertujuan untuk menganalisis kemampuan literasi sains dan sikap ilmiah, perbedaan kemampuan literasi sains siswa, dan melihat hubungan literasi sains terhadap sikap ilmiah siswa kelas VII SMP Se-Kabupaten Labuhanbatu Utara. Penelitian ini merupakan penelitian deskriptif yang menggunakan sampel 330 siswa dipilih dengan menggunakan teknik purposive sampling. Data diperoleh dengan menggunakan tes literasi sains, lembar pengamatan untuk keterampilan proses sains dan angket untuk sikap ilmiah. Hasil analisis data menunjukkan bahwa kemampuan literasi sains kelas VII SMP Se-Kabupaten Labuhanbatu Utara yaitu 53,9 (sangat rendah). Berdasarkan status sekolah terdapat perbedaan kemampuan literasi sains siswa sains siswa kelas VII SMP Negeri dengan SMP Swasta, selanjutnya terdapat perbedaan literasi sains siswa antara SMP di Kota dengan SMP di Desa. Untuk mengetahui hubungan literasi sains siswa terhadap sikap ilmiah dilakukan uji korelasi. Adapun nilai koefisien determinan (r_{hitung}) hubungan literasi sains terhadap sikap ilmiah yaitu ($r=-0,082$). Uji korelasi menunjukkan terdapat hubungan yang lemah antara literasi sains terhadap sikap ilmiah serta korelasinya bersifat negatif atau korelasi antagonis. Hasil penelitian ini menunjukkan bahwa literasi sains dan sikap ilmiah perlu diperbaiki dengan melakukan Musyawarah Guru Mata Pelajaran (MGMP).

Kata Kunci: Literasi Sains dan Sikap Ilmiah



ABSTRACT

PARNINGOTAN SIAGIAN, NIM. 8156174013. Analysis of Scientific Literacy Skills and Student's Scientific Attitude of Seventh Grade Junior High School in North Labuhanbatu Regency. Thesis. Medan: Graduate Program of Medan State University, 2018.

This study aims to analyze scientific literacy skills and scientific attitude, differences in scientific literacy skills students, and see the relation scientific literacy skills to the scientific attitude of the seventh grade students of Junior High School of North Labuhanbatu Regency. This research is descriptive research using sample 330 students selected by using purposive sampling technique. Data were obtained by using scientific literacy tests, observation sheets for science process skills and questionnaires for scientific attitudes. The result of data analysis shows that scientific literacy skills of class VII of Junior High School of North Labuhanbatu Regency is 53,9 (very low). Based on school status, there is a difference of scientific literacy skills of science students of grade VII of state junior high school with private junior high school. Furthermore, there is difference of scientific literacy skills between students in SMP in Town and SMP in Village. To know the relation of student's scientific literacy skills to scientific attitude correlation test. The value of determinant coefficient (rcount) relation of science literacy to scientific attitude that is ($r = -0,082$). The correlation test shows that there is a weak correlation between science literacy to scientific attitude and its correlation is negative or antagonistic correlation. The results of this study indicate that scientific literacy skills and scientific attitudes need to be improved by conducting Subject Teacher Consultation (MGMP).

Keywords: Literacy of Science and Scientific Attitude