ABSTRAK

Riesyatul Khairiyah Nasution. Analisis Pengetahuan dan Sikap Siswa pada Materi Struktur dan Fungsi Jaringan Tumbuhandi SMA Negeri Se-Kota Medan. Tesis. Program Pascasarjana Universitas Negeri Medan. 2019.

Penelitian ini bertujuan untuk mengetahui pengetahuan siswa berdasarkan asal sekolah, indikator pembelajaran, level kognisi, dan ketuntasan serta hubungan pengetahuan dengan sikap siswa pada materi struktur dan fungsi jaringan tumbuhan di SMA Negeri se-Kota Medan. Jenis penelitian adalah penelitian deskriptif dengan pendekatan kuantitatif. Sampel penelitian pada siswa kelas XI IPA sebanyak 547 orang. Pengetahuan siswa diperoleh dari adanya tes diagnostik dalam pilihan berganda dan sikap siswa menggunakan angket. Perolehan data dianalisis dengan deskriptif dan uji spearman untuk mengetahui korelasi antara pengetahuan dengan sikap siswa. Hasil penelitian diperoleh bahwa pengetahuan siswa SMAN Se-Kota Medan tergolong baik (76,89), dimana berdasarkan asal sekolah yaitu SMAN 6 sangat baik (82,24), SMAN11 baik (80,09), SMAN4 baik (78,16), SMAN 12 baik (76,38), SMAN14 baik (75,93), SMAN10 baik (73,36) dan SMAN 8 baik (72,03). Berdasarkan indikator pembelajaran SMA N Se-Kota Medan untuk indikator 1 (79%), indikator 4, 6, 8 (77%), indikator 3 (76%), indikator 5, 7, 10 (73%), indikator 2 (68%), indikator 9 (67%) dan untuk nilai rata-rata ketercapaian berdasarkan indikator pembelajaran di SMA N Se-Kota Medan diperoleh kriteria baik (75%). Berdasarkan level kognisi yaitu pada level C1 dan C3 (81%), level C2 (77%), level C5 (76%), level C4 (74%), level C6 (69%) dan untuk nilai rata-rata ketercapaian berdasarkan level kognisi di SMA N Se-Kota Medan diperoleh kriteria baik (76%). Berdasarkan ketuntasan di SMAN Se-Kota Medan tergolong baik (79,24%), ketuntasan berdasarkan asal sekolah yaitu pada SMAN 11 sangat baik (98,70%), SMAN 4 sangat baik (91,25%), SMAN 6 sangat baik (82,89%), SMAN 12 sangat baik (81,25%), SMAN 14 baik (73,33%), SMAN 10 baik (65,79%), dan SMAN 8 baik (61,45%).Terdapat hubungan signifikan antara pengetahuan dengan sikap siswa pada materi struktur dan fungsi jaringan pada tumbuhan di SMA Negeri se-Kota Medan dengan nilai Sig.(2-tailed) 0,002<0,05 dan koefisien korelasi sebesar 0,133, jika diinterpretasikan terhadap koefisien versi de Vaus memiliki kekuatan hubungan lemah. Nilai R^2 diperoleh sebesar 0,017, artinya bahwa kontribusi pengetahuan terhadap sikap sebesar 1,7%, nilai t hitung (3,074) > t tabel (1,645) dimana Ho ditolak dan Ha diterima. Disimpulkan bahwa pengetahuan mempengaruhi sikap siswa dengan kekuatan hubungan yang lemah. Oleh sebab itu, masih perlu upaya peningkatan pengetahuan dan sikap siswa untuk hasil yang lebih baik di setiap sekolah manapun.

Kata Kunci: Pengetahuan, Sikap, Siswa

ABSTRACT

Riesyatul Khairiyah Nasution. Analysis of Knowledge and Students Attitude of the Structure and Function of Plant Tissue Subject Matter at Senior High School in Medan City. Thesis. Postgraduated Program State University of Medan. 2019.

This research aims to knowthe students' knowledge based on school, learning indicator, cognitive level, and completeness and the relationship of the knowledge with students' attitude of the structure and function of plant tissue subject matter at Senior High School in Medan City.The research kind is descriptive study with quantitative approach. The subject of this research of student in twelfth grade as much as 547 people's.The students knowledge obtained from the diagnostic tes in form multiple choice and students attitudeby using questionnaire.Theacquisition of analyzed data by descriptive and spearman test to know correlation between knowledge with students attitude. The study of results that arestudents knowledge in SMAN Medan city belong to good (76.89), where based on wich school are SMAN 6 very good (82.24), SMAN11 good (80.09), SMAN4 good (78.16), SMAN 12 good (76.38), SMAN14 good (75.93), SMAN10 good (73.36) and SMAN8 good (72.03). Based on learning indicator of the indicator 1 (79%), indicator 4, 6, 8 (77%), indicator 3 (76%), indicator 5, 7, 10 (73%), indicator 2 (68%), indicator 9 (67%) and for the average value of achievement based on learning indicators in SMAN Medan City obtained good criteria (75%). Based on cognitive level of the C1 and C3 level (81%), C2 level (77%), C5 level (76%), C4 level (74%)and C6 level (69%) and for the average value of achievement based on the level of cognition in SMAN Medan City obtained good criteria (76%). Based on the completeness in SMAN Medan city belong to good (79.24%), the completeness based on which school of the SMAN 11 very good (98.70%), SMAN 4 very good (91.25%), SMAN 6 very good (82.89%), SMAN 12 very good (81.25%), SMAN 14 good (73.33%), SMAN 10 good (65.79%), and SMAN 8 good (61.45%).There is relationship significancy between knowledge and students' attitude of the structure and function of plant tissue subject matter at Senior High School in Medan City with the value significancy 0.002<0.05 and correlation coefisien as big as 0.133, if the interpretation toward coefisien of de Vaus version have the power weak relation.Value of R^2obtained as much as 0.017, its mean that the contribution of the knowledge toward attitude as much as 1.7%, t value (3,074)> t table (1,645) where Ho is rejected and Ha is accepted. Concluded that the knowledge to influence students' attitudewith the power weak relation. Therefore, still important to improve these the knowledge and students attitude for more goodness result in the each school anywhere.

Keyword: Knowledge, Attitude, Student's